
Description of Plan Group:

Highway (Route 8) Along Farmington River - Connecticut Line to Sandisfield Line

Date of Plan: 1925
Date Plan Approved: 1925
Highway Book #: 16
Highway Page #: 001
Commissioners Reference Book #: 19
Commissioners Reference Page #: 039
Public Notes:



Plan Original Book and Page: ch16001

Name of specific Plan:

Highway (Route 8) Along Farmington River - Connecticut Line to Sandisfield Line



Category	Index
Abutters	Colebrook, Connecticut
Abutters	Sandisfield
Abutters	Berkshire County
City/Town	Tolland
Dam	Farmington River Dam shown
Person	Persons, Charles G
Person	Verchot, Julius
Water	Farmington River

Plan Original Book and Page: ch16002

Name of specific Plan:

Plan of Road in the Town of Tolland



Category	Index
City/Town	Tolland
Person	Rose, Alexander
Person	Rose, Mary
Person	Verchot, Julius
Water	Farmington River

THE COMMONWEALTH OF MASSACHUSETTS

PLAN OF ROAD

IN THE TOWN OF

TOLLAND

HAMPDEN COUNTY

ALL OUTSIDE

SCALE: 40 FEET TO THE INCH

Commonwealth of Massachusetts

Hampden, ss.

September 20, 1925

On the petition of Inhabitants of the Town of Tolland for layout, relocation, alteration and specific repairs of highway in Tolland. This plan is filed with the location report and made a part thereof.

James B. Hall County Commissioners
John Hall County Commissioners
 See County Commissioners' Record, Book 19, Page 39.

See County Commissioners
 Book 19 Page 39

COLEBROOK
CONNECTICUTSANDISFIELD
BERKSHIRE COUNTYTown and County Line Along Middle of River
FARMINGTON RIVER

JULIUS VERCHOT

MISS MARY HALLOCK

CHARLES G PERSONS

TOLLAND
MASSACHUSETTS

JULIUS VERCHOT

TOLLAND - 1925 LAYOUT - SHEET NO 2 OF 3 SHEETS

FARMINGTON

RIVER

JULIUS VERCHOT

ALEXANDER
ROSE EST.

JULIUS VERCHOT

ALEXANDER ROSE EST.
MARY ROSE, EXECUTRIX

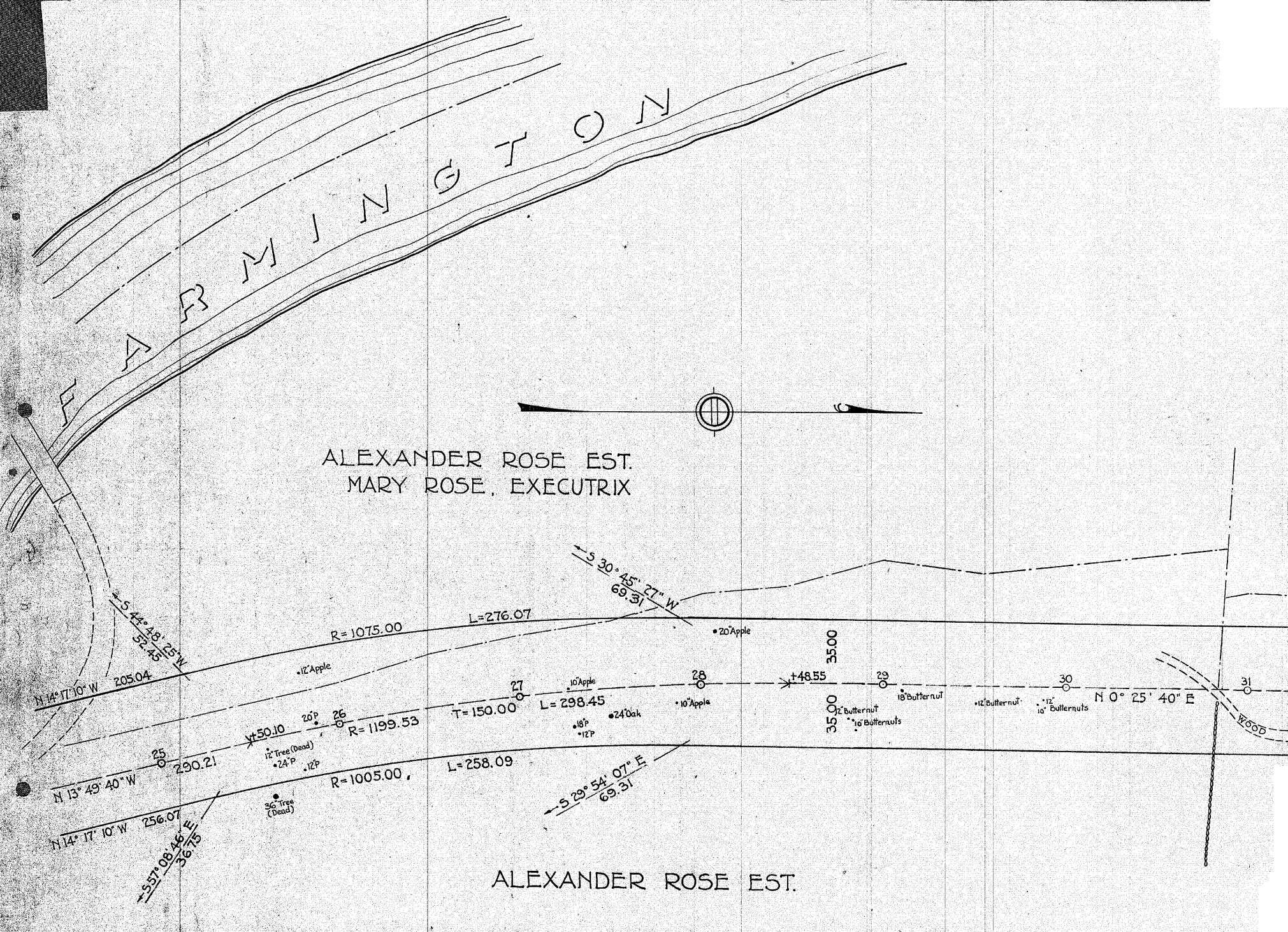
Plan Original Book and Page: ch16003

Name of specific Plan:

Plan of Road in the Town of Tolland

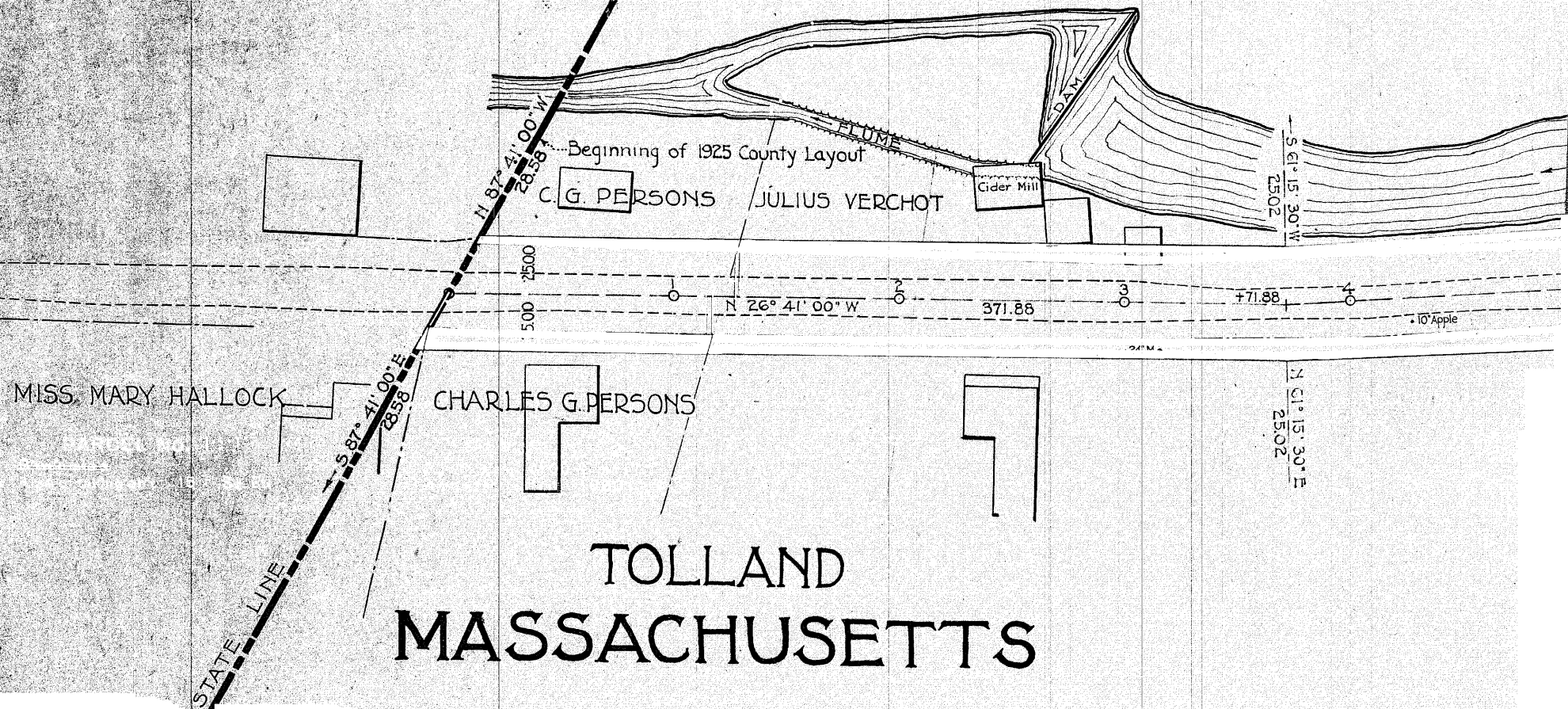


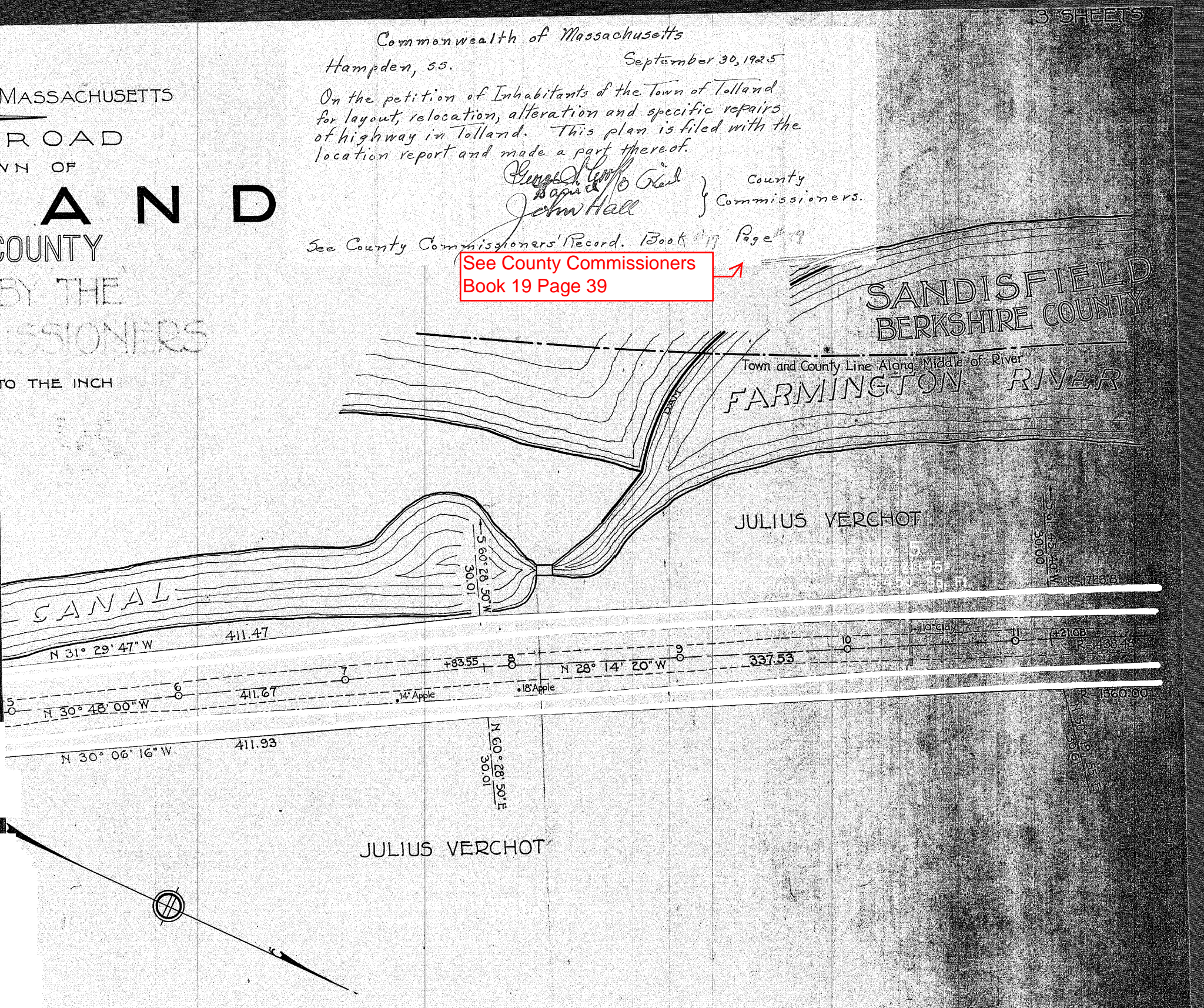
Category	Index
City/Town	Tolland
Person	Rose
Person	Verchot
Water	Farmington River

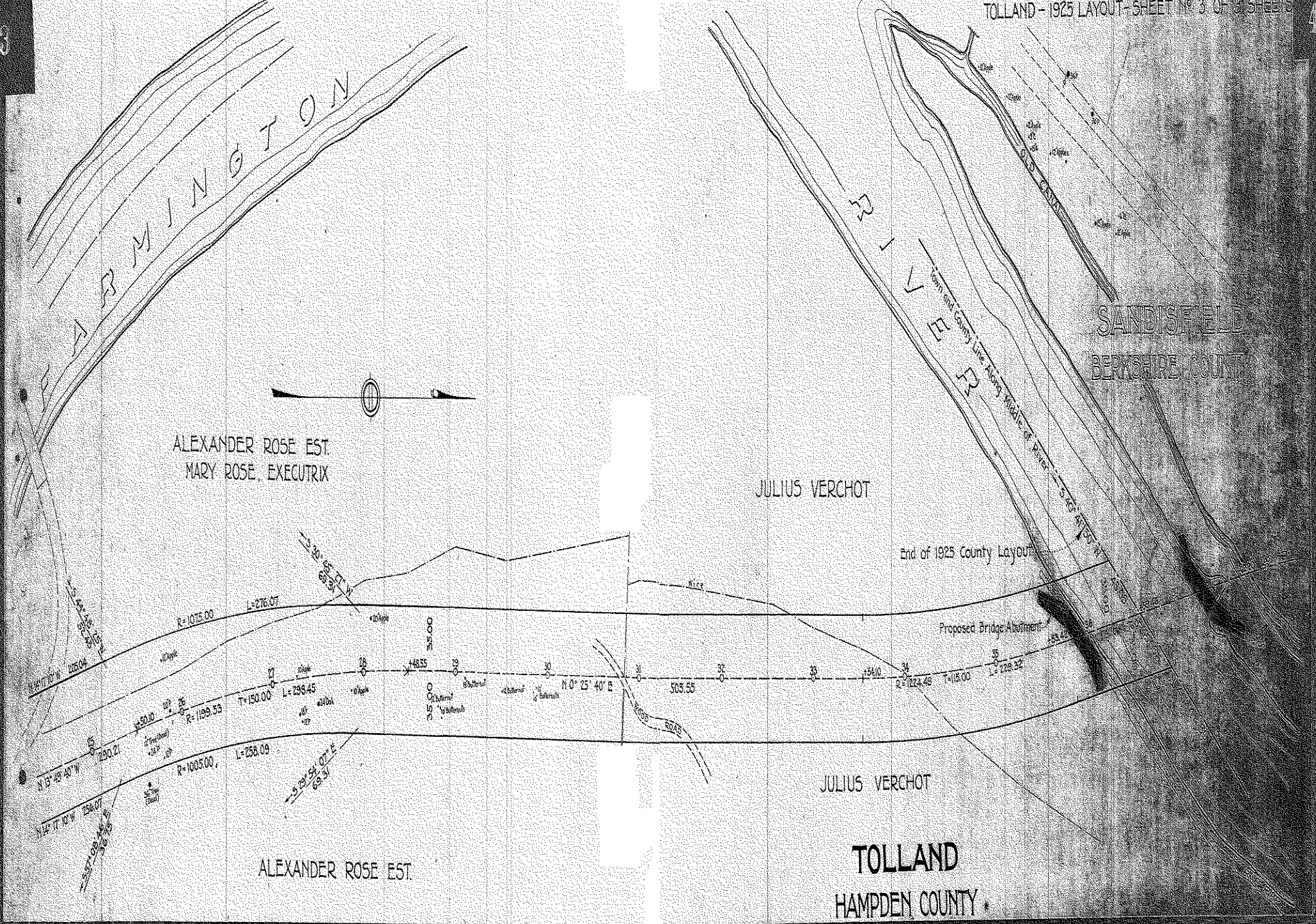


COLEBROOK
CONNECTICUT

THE COMMONWEALTH OF
PLAN OF
IN THE TOWN OF
TOLL
HAMPDEN
LAID OUT
COUNTY COMMISSION
SCALE: 40 FEET







THE COMMONWEALTH OF MASSACHUSETTS
PLAN OF ROAD
IN THE TOWN OF

TOLLAND

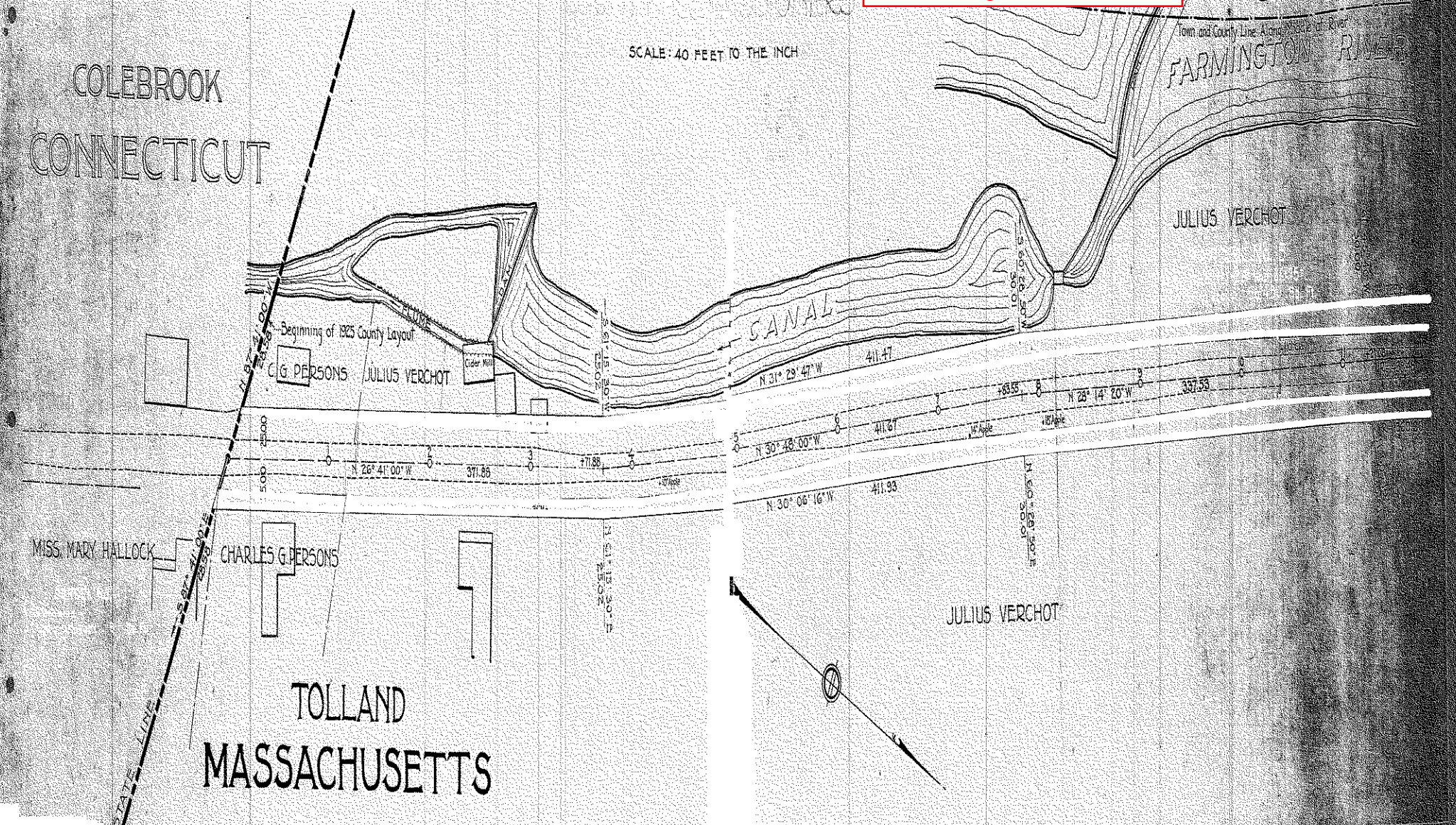
HAMPDEN COUNTY

SCALE: 40 FEET TO THE INCH

Commonwealth of Massachusetts
Hampden, ss. September 30, 1925
On the petition of Inhabitants of the Town of Tolland
for layout, relocation, alteration and specific repairs
of highway in Tolland. This plan is filed with the
location report and made a part thereof.
Rogers, Jr. } County
Hapgood } Commissioners
John Hall }

See County Commissioners' Record, Tolland, Page 39

See County Commissioners
Book 19 Page 39



FARMINGTON

JULIUS VERCHOT

1+26± and 2+16±
56,450

JULIUS VERCHOT

4
1+14± and 2+15±
30,800

6
2+75± and 2+41±
14,150

ALEXANDER ROSE EST.
MARY ROSE EXECUTRIX

7
2+75± and 30+86±
48,800

FARMINGTON

ALEXANDER ROSE EST.
MARY ROSE EXECUTRIX

JULIUS VERCHOT

8
30+83± and 30+59.46
40,350

JULIUS VERCHOT

TOLLAND
HAMPDEN COUNTY

ALEXANDER ROSE EST.

7
2+75± and 30+86±
48,800

SANDSFIELD
BERKSHIRE COUNTY

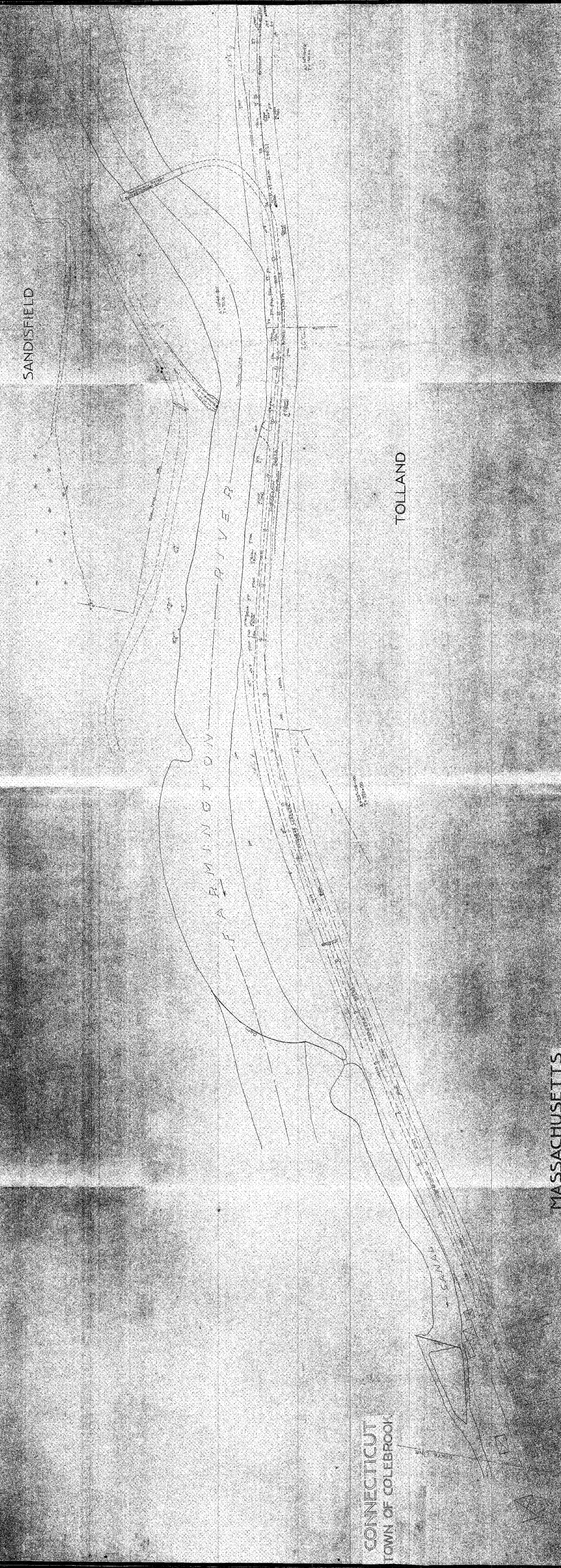
SANDSFIELD

FARMINGTON RIVER

TOLLAND

CONNECTICUT
TOWN OF COLEBROOK

MASSACHUSETTS
TOWN OF TOLLAND



Plan Original Book and Page: **ch16013**

Name of specific Plan:

Plan of Road in the Town of Tolland



<u>Category</u>	<u>Index</u>
City/Town	Tolland

Commonwealth of Massachusetts

September 30-1937

In the petition of ~~the~~ ^{the} town of Tolland
Inhabitants of the

for resurfacing, relocation, alteration and specific repairs of highway in Tolland. This plan is filed with the location report and made a part thereof.

George H. Campbell

James O. ...
Lodow Hall
County ...
Common ...

See County Commissioners' Record. Book 10 Page 100

See County Commissioners
Book 19 Page 39

Description of Plan Group:

**Main Street Renumbering - Department of Streets & Engineering -
Springfield, Mass**

Date of Plan: 1926

Date Plan Approved: 1926

Highway Book #: ch16

Highway Page #: 015

Commissioners Reference Book #:

Commissioners Reference Page #:

Public Notes:



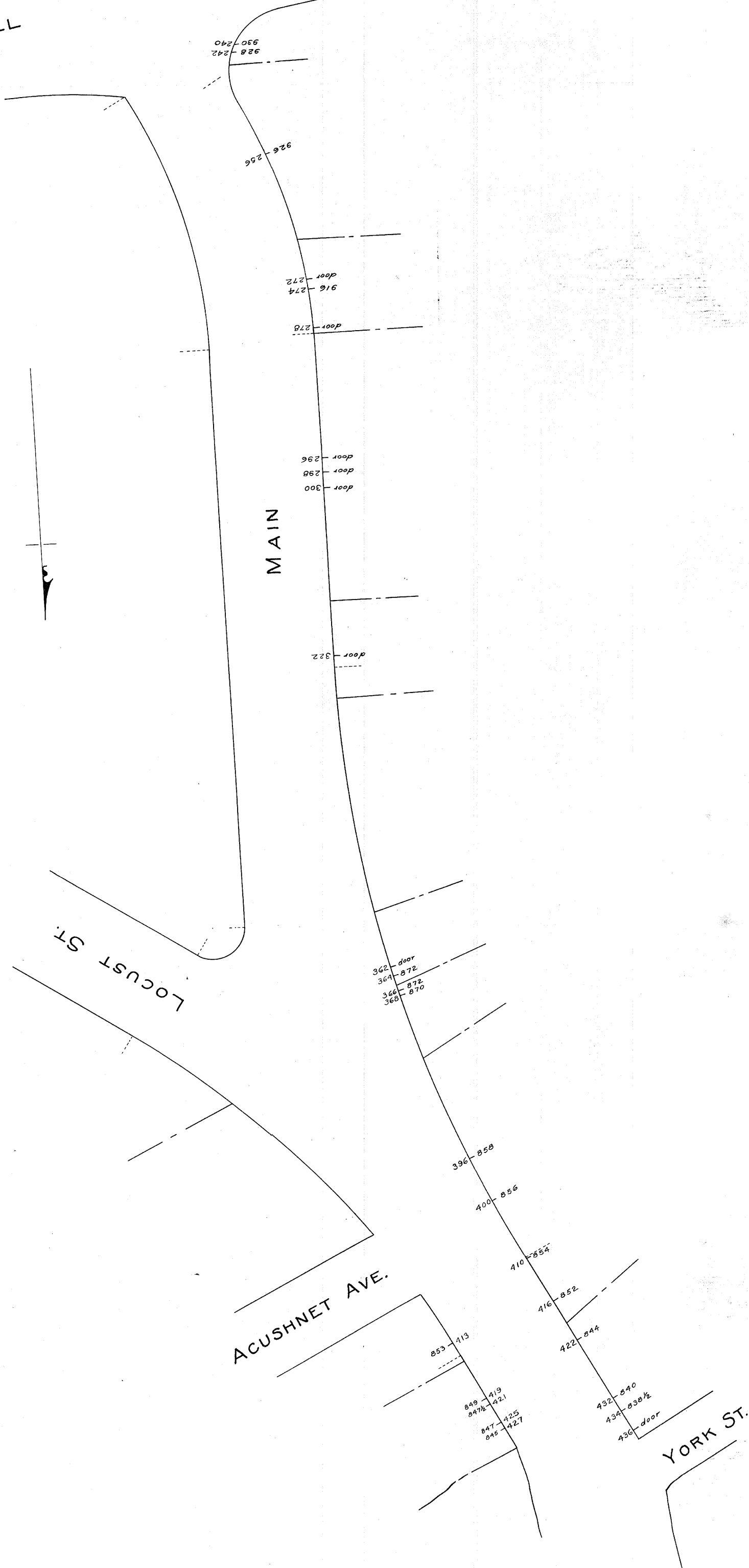
Plan Original Book and Page: ch16015

Name of specific Plan:

**Main Street Renumbering - Department of Streets &
Engineering - Springfield, Mass**



Category	Index
City/Town	Springfield
Streets	Locust Street
Streets	Mill Street
Streets	York Street
Streets	Main Street
Streets	Acushnet Avenue



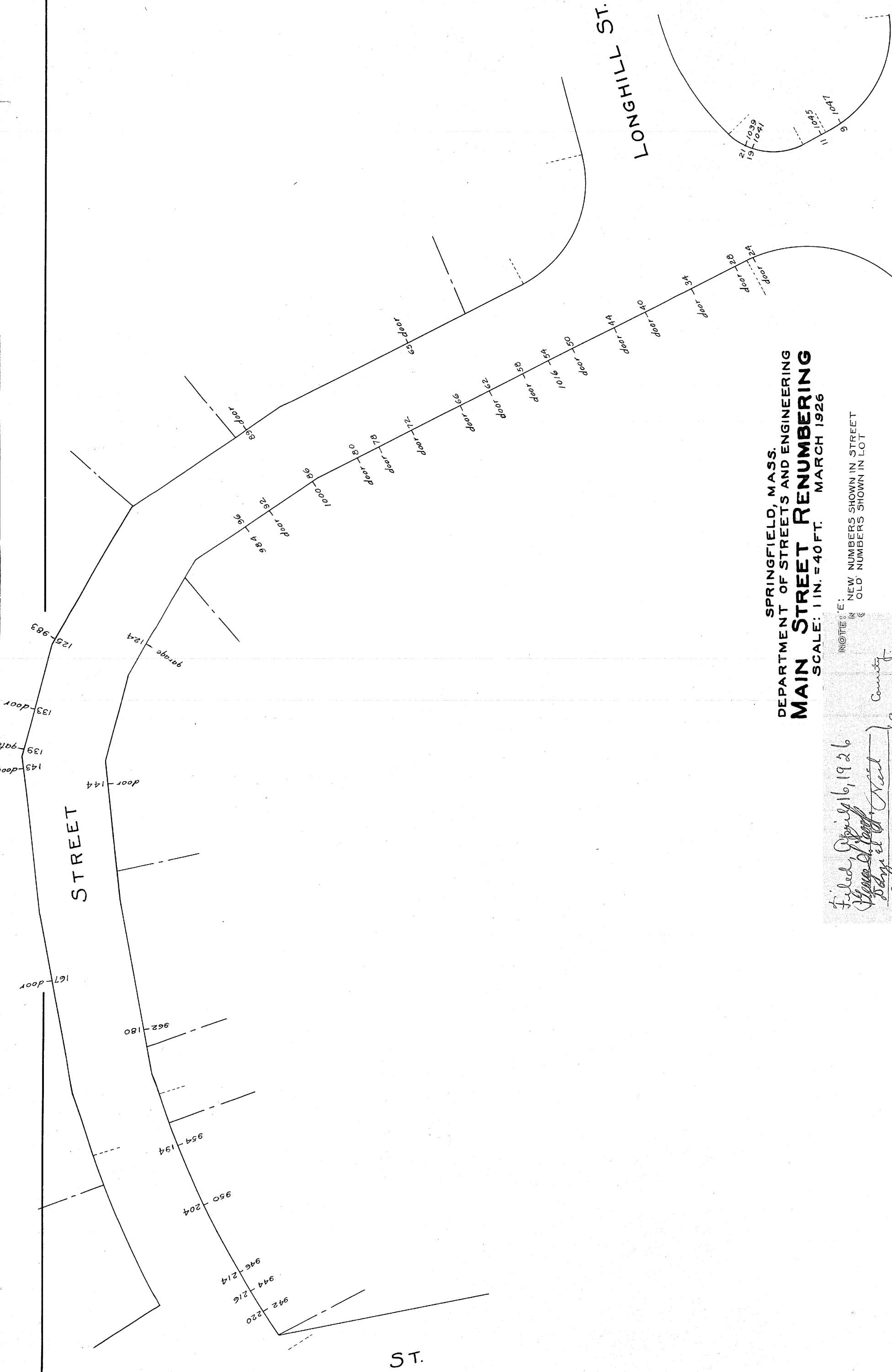
Plan Original Book and Page: ch16016

Name of specific Plan:

**Department of Streets & Engineering - Springfield, Mass - Main
Street Renumbering**



Category	Index
Streets	Main Street
Streets	Longhill Street
Streets	Columbus Avenue



SPRINGFIELD, MASS.
DEPARTMENT OF STREETS AND ENGINEERING
MAIN STREET RENUMBERING
SCALE: 1 IN. = 40 FT. MARCH 1926

NOTE: IN NEW NUMBERS SHOWN IN STREET
OLD NUMBERS SHOWN IN LOT

Filed, April 16, 1926
Henry O. Loring
Mayor of Springfield
City Commissioners
John Hall

Plan Original Book and Page: **ch16017**

Name of specific Plan:

**Department of Streets & Engineering - Springfield, Mass - Main
Street Renumbering**



Category	Index
Streets	Park Street
Streets	Harrison Avenue
Streets	Vernon Street
Streets	Hillman Street
Streets	Crossett Avenue
Streets	Cross Street
Streets	Peabody Lane
Streets	East Court Street
Streets	Union Street
Streets	Howard Street
Streets	Pynchon Street
Streets	Court Street
Streets	Lombard Street
Streets	Elm Street
Streets	Sanford Street
Streets	State Street
Streets	Bliss Street
Streets	Stockbridge Street

Streets	Wilcox Street
Streets	Towsley Avenue
Streets	Gardner Street
Streets	Central Street
Streets	Fremont Street
Streets	Loring Street
Streets	Adams Street
Streets	Saratoga Street
Streets	Arlington Street
Streets	Montpelier Street
Streets	Hubbard Avenue
Streets	Main Street
Streets	Marble Street
Streets	Morris Street
Streets	William Street
Streets	Margaret Street
Streets	Norwood Street
Streets	York Street
Streets	Elmwood Street
Streets	Rutledge Avenue
Streets	Wendell Place
Streets	Broad Street
Streets	Winthrop Street

Plan Original Book and Page: ch16021

Name of specific Plan:

Department of Streets & Engineering - Springfield, Mass - Main
Street Renumbering



Category	Index
Streets	Patton Street
Streets	Lyman Street
Streets	Sharon Street
Streets	Cypress Street
Streets	Ferry Street
Streets	Liberty Street
Streets	Railroad Row
Streets	Plainfield Street
Streets	Holyoke Street
Streets	Hampden Street
Streets	Bancroft Street
Streets	Osgood Street
Streets	Church Street
Streets	Sargeant Street
Streets	Carew Street
Streets	Seventh Street
Streets	Bond Street
Streets	Auburn Street

Streets	Main Street
Streets	Bridge Street
Streets	Taylor Street
Streets	Morgan Street
Streets	Essex Street
Streets	Worthington Street
Streets	Fort Street
Streets	Congress Street
Streets	Franklin Street
Streets	Emery Street
Streets	Greenwood Street
Streets	Clinton Street
Streets	Tenth Street
Streets	Vine Street

Plan Original Book and Page: ch16025

Name of specific Plan:

Department of Streets & Engineering - Springfield, Mass - Main
Street Renumbering



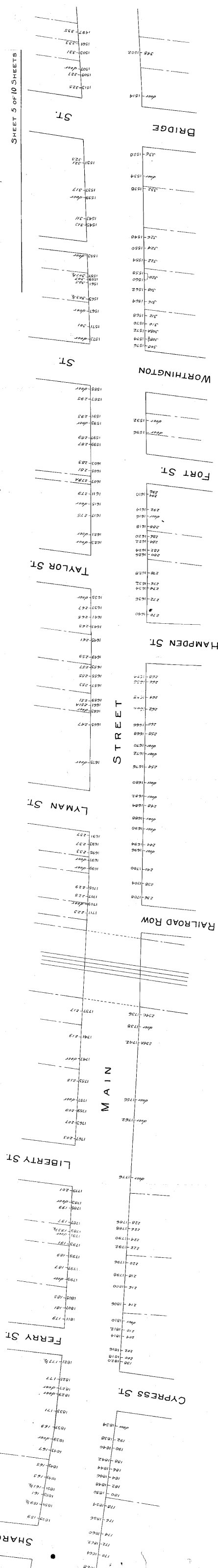
Category	Index
Streets	Merwin Street
Streets	Harriet Street
Streets	Douglas Street
Streets	Dover Street
Streets	Cumberland Street
Streets	Thomas Street
Streets	Alfred Street
Streets	Chestnut Street
Streets	Main Street
Streets	Wason Avenue
Streets	Grace Street
Streets	Jenks Street
Streets	Eagle Street
Streets	Medford Street
Streets	Holland Street
Streets	Donald Street
Streets	Noble Street
Streets	Walter Street

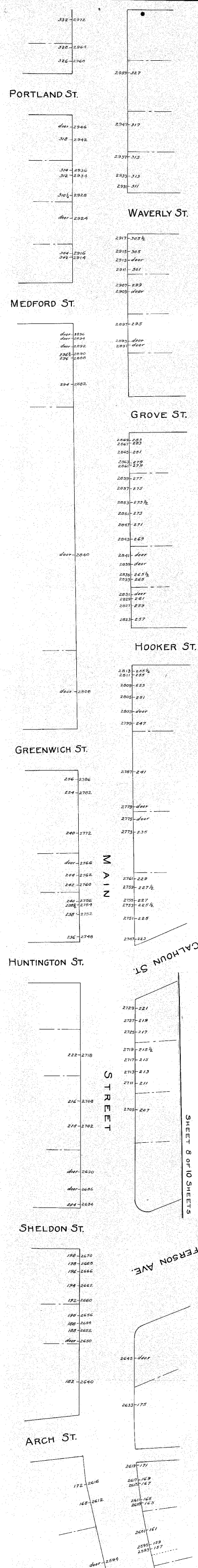
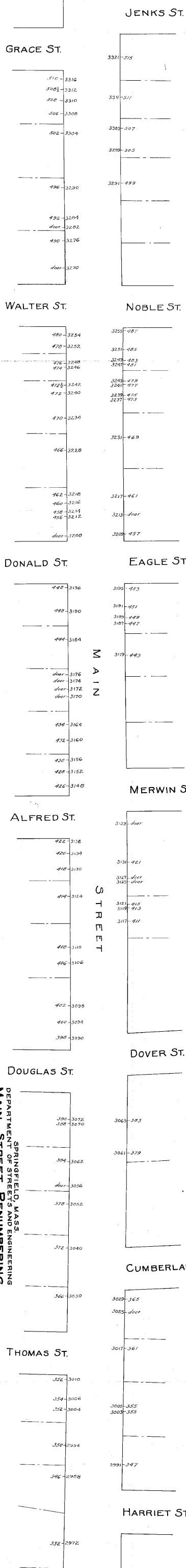
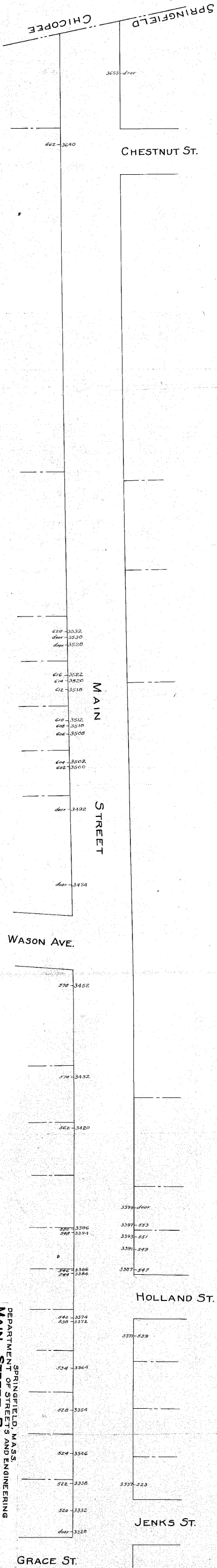
Streets	Grace Street
Streets	Jenks Street
Streets	Arch Street
Streets	Jefferson Street
Streets	Sheldon Street
Streets	Huntington Street
Streets	Calhoun Street
Streets	Greenwich Street
Streets	Grove Street
Streets	Waverly Street
Streets	Portland Street
Streets	Hooker Street

SPRINGFIELD, MASS.
DEPARTMENT OF STREETS AND ENGINEERING
MAIN STREET RENUMBERING
SCALE: 1 IN. = 40 FT. MARCH 1926

NOTE: NEW NUMBERS SHOWN IN STREET
OLD NUMBERS SHOWN IN LOT

SHEET 5 OF 10 SHEETS





SPRINGFIELD, MASS.
DEPARTMENT OF STREETS AND ENGINEERING
MAIN STREET RENUMBERING
SCALE: 1 IN. = 40 FT. MARCH 1926
NOTE: NEW NUMBERS SHOWN IN STREET
OLD NUMBERS SHOWN IN LOT

SHEET 9 OF 10 SHEETS

SHEET 8 OF 10 SHEETS

SHEET 10 OF 10 SHEETS

Description of Plan Group:

Cooley Brook Impounding Dam & Reservoir (Z Plans)

Date of Plan: 1926

Date Plan Approved: 1926

Highway Book #: ch16

Highway Page #: 027

Commissioners Reference Book #: 19

Commissioners Reference Page #: 149



Public Notes:

Note: Pages 27-48 of Book 16 Superseded

Also See: Supplementary Plan - starting page 49 -70 Book 16

See also: Dams - "Cooley Brook Watershed" (Chicopee) - D05034.

Plan Original Book and Page: ch16027

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners - Plans
for Impounding Dam and Reservoir**



Category	Index
City/Town	Chicopee
Dam	Cooley Brook Dam
Water	Cooley Brook Reservoir

Plan Original Book and Page: ch16028

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners - Plans
for Impounding Dam and Reservoir**



<u>Category</u>	<u>Index</u>
City/Town	Chicopee

**CITY OF CHICOPEE,
BOARD OF WATER
PLANS
IMPOUNDING DAM**

192
MORRIS KNOWLES
PITTSBURGH, PA.

MASSACHUSETTS.

COMMISSIONERS.

FOR

AND RESERVOIR.

INC., ENGINEERS.

CLEVELAND, OHIO.

Commonwealth of Massachusetts
Hampden, ss
Filed, August 6, 1926
Attest: *Charles W. Sullivan* Clerk.

Superseded

Approved By

Board Of Water Commissioners

W. B. Jennings Chairman
Corneilus McQueen

Benjamin Timmon

Walter A. Shea Mayor

John F. Sullivan
Superintendent Water Department

COUNTY COMMISSIONER'S
RECORDED BOOK #19
PAGE # 149

July 29, 1926.

CITY OF CHICOPEE, MASSACHUSETTS.

BOARD OF WATER COMMISSIONERS.

PLANS FOR IMPOUNDING DAM AND RESERVOIR.

1925

MORRIS KNOWLES INC., ENGINEERS.

PITTSBURGH, PA. CLEVELAND, OHIO.

Commonwealth of Massachusetts
Hampden, ss

Filed, August 6, 1926

Attest: *Charles W. Sullivan* Clerk

Superseded

COUNTY COMMISSIONERS
RECORDED BOOK #19
PAGE # 149

Approved By
Board Of Water Commissioners

Wm. L. Jennings
Chairman

Benjamin Timson

William H. Phea
Mayor

John F. Sullivan
Superintendent Water Department

July 29, 1926.

Plan Original Book and Page: ch16029

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
General Location Plan**



Category	Index
Abutters	Chicopee, City of
City/Town	Chicopee
Dam	Cooley Brook Dam
Water	Cooley Brook Reservoir

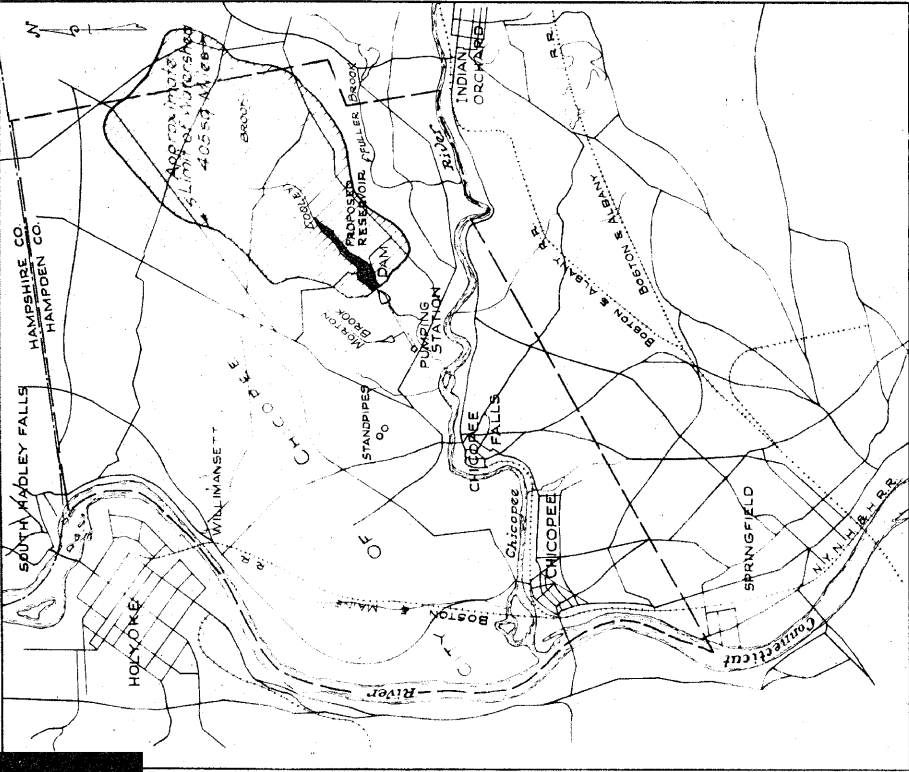
Plan Original Book and Page: ch16030

Name of specific Plan:

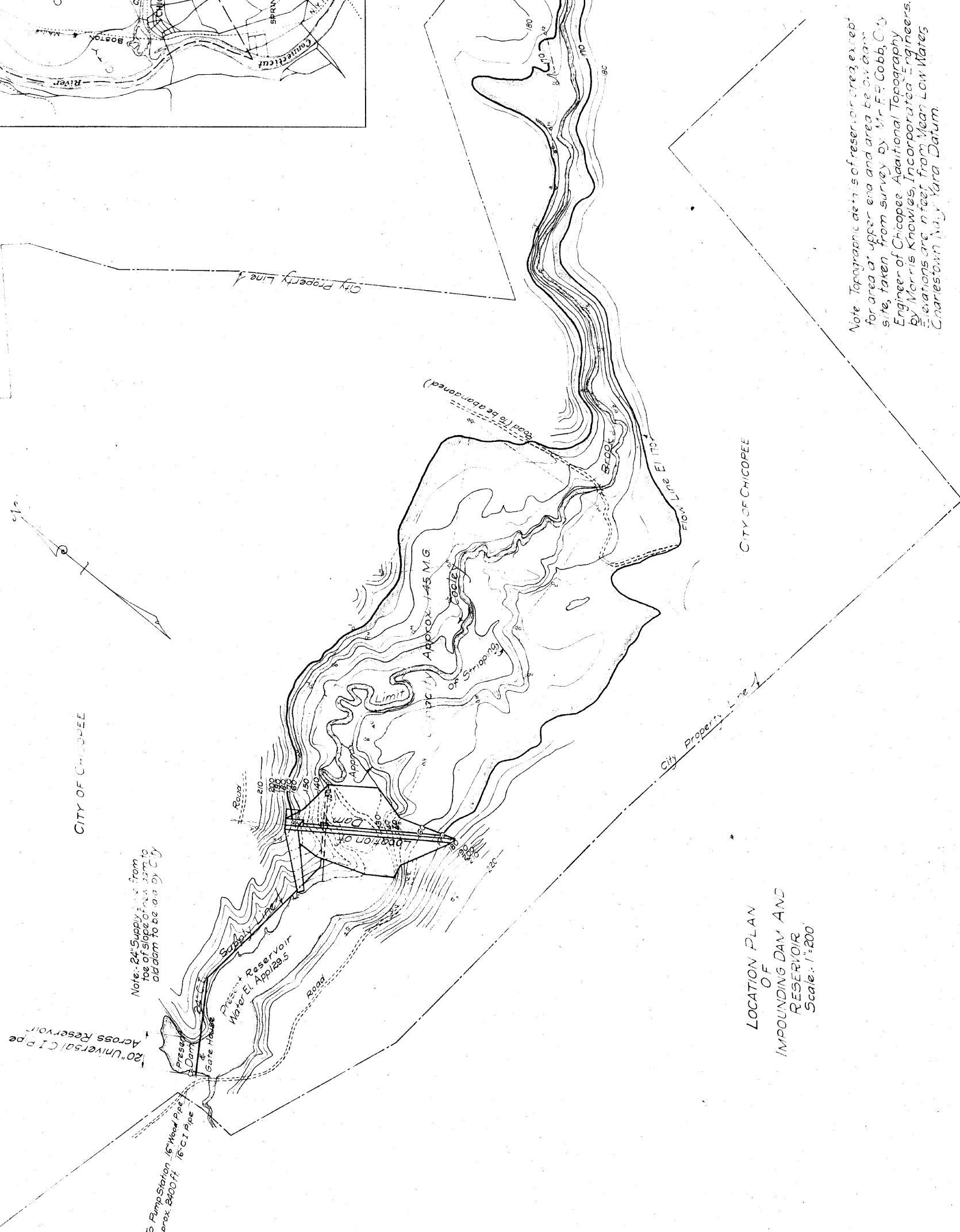
**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
General Location Plan**

<u>Category</u>	<u>Index</u>
City/Town	Chicopee





KEY MAP
SCALE: 1"=5208'



LOCATION PLAN
OF
IMPOUNDING DAM AND
RESERVOIR
Scale: 1"=200'

LEGEND
KEY MAP
Chicopee City Line
Cooley Brook Watershed
Cooley Brook Reservoir
LOCATION PLAN
City Property Line
Existing Pipe Line
Proposed Pipe Line
Roads

CHICOPEE, MASS.	
BOARD OF WATER COMMISSIONERS	
COOLEY BROOK	
IMPOUNDING DAM AND RESERVOIR	
GENERAL LOCATION PLAN	
MORRIS KNOWLES	
INCORPORATED	
ENGINEERS	
PITTSBURGH, PA. CLEVELAND, OHIO	
SCALE: AS SHOWN	DATE: JULY 29, 1926
DRAWN BY	REV.
TRACED BY	REV.
CHECKED BY	REV.
SHEET 2 OF 11	C-7332

Note: Topographic details of reservoir area, except for area of upper end and area to be by dam site, taken from survey by Mr. F. E. Cobb, City Engineer of Chicopee. Additional Topography by Morris Knowles, Incorporated Engineers. Elevations are in feet from Mean Low Waters Charleston Navy Yard Datum.

Plan Original Book and Page: ch16031

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Plan
and Profile**



Category	Index
Abutters	Chicopee, City of
City/Town	Chicopee
Dam	Cooley Brook Dam
Water	Cooley Brook Reservoir

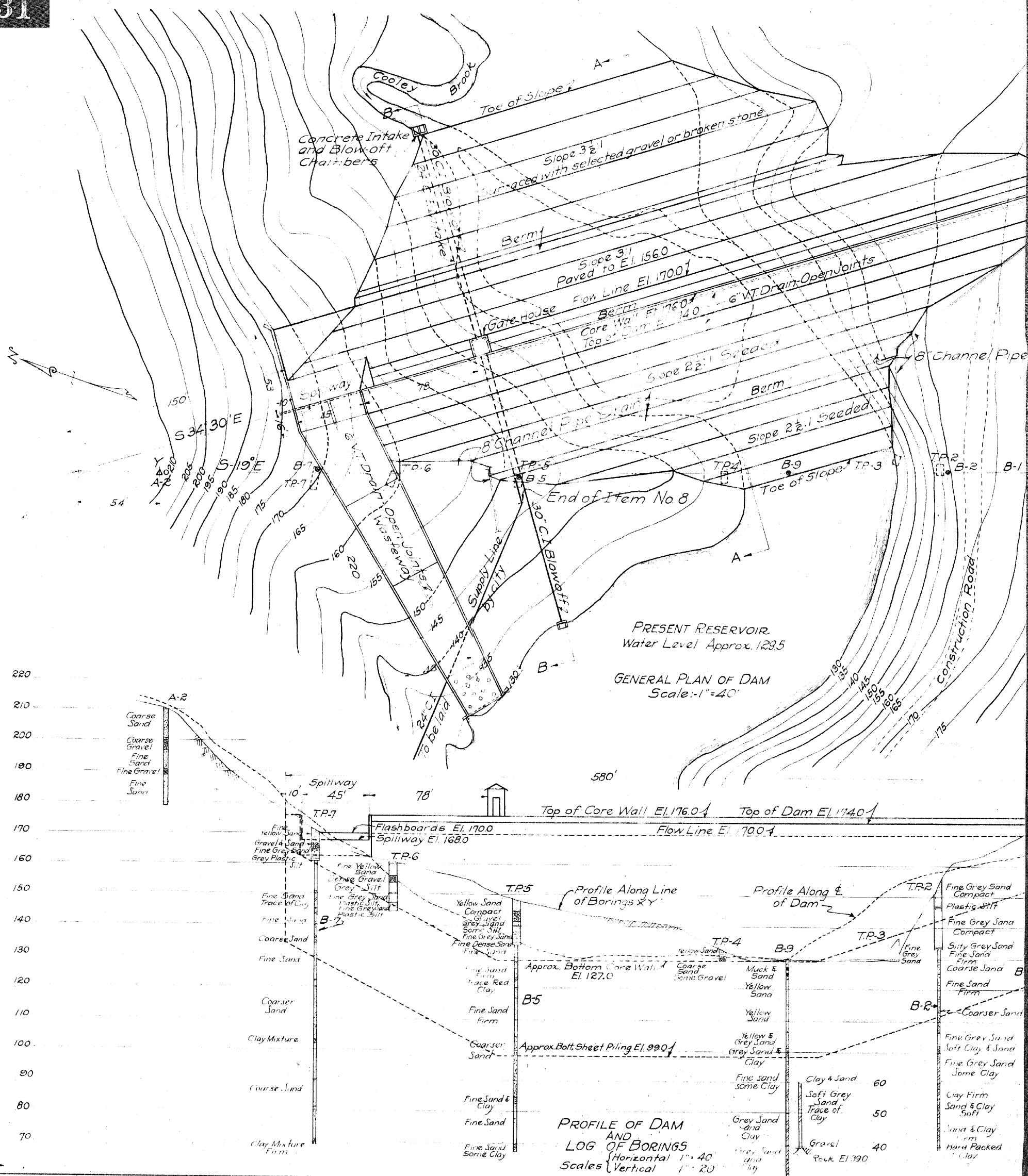
Plan Original Book and Page: ch16032

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Plan
and Profile**



<u>Category</u>	<u>Index</u>
City/Town	Chicopee



Note:-

For Location Plan of Dam and Reservoir see Dwg. C-7332.

For Sections A-A and B-B see Dwg. C-7334.

For Details of Slope Paving Core Wall etc see Dwg. C-7335.

For Details of Spillway and Wasteway see Dwg. C-7336, C-7337, C-7338 and C-7339.

For Details of Gate House see Dwg. C-7340 and C-7341.

Extend Steel Sheet Piling
30' down stream
Piling 30' long Elevation
of top 175.0

LEGEND

Test Pits



Wash Borings (Dry Samples)



Auger Borings

Test Pits and Borings

Sand



Sand, Some Gravel



Gravel



Sand, Some Clay



Clay



Silt



Muck



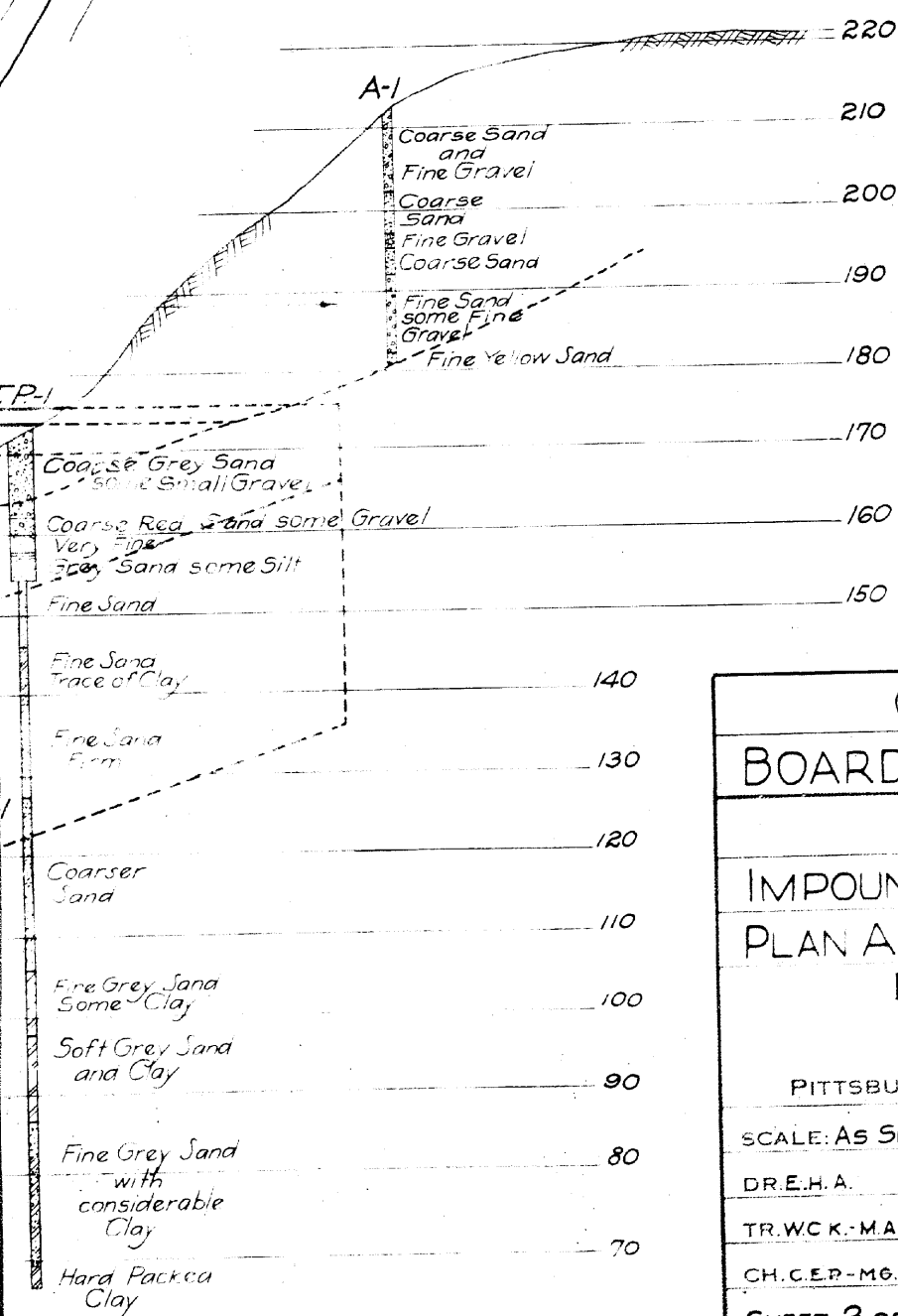
Rock



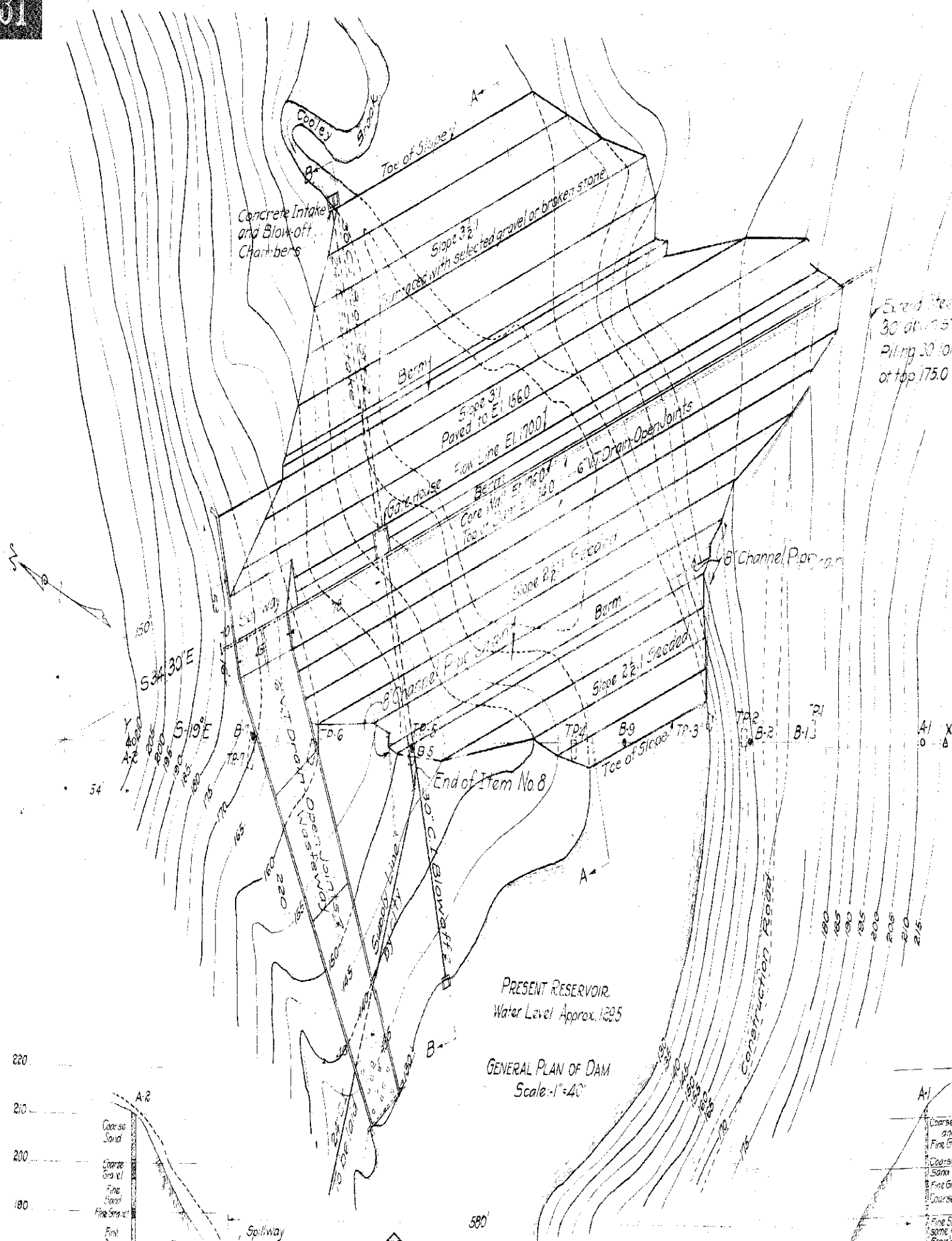
Note:-

Elevations are in feet from Mean Low Water Charlestown Navy Yard Datum.

Information shown by Test Pits and Borings is believed to be correct. The City of Chicopee, however, does not guarantee the accuracy of this information.



CHICOPEE, MASS		
BOARD OF WATER COMMISSIONERS		
COOLEY BROOK		
IMPOUNDING DAM AND RESERVOIR		
PLAN AND PROFILE OF IMPOUNDING DAM		
MORRIS KNOWLES		
INCORPORATED ENGINEERS		
PITTSBURGH, PA.	CLEVELAND OHIO	
SCALE: AS SHOWN		DATE: JULY 29, 1926.
D.R.E.H.A.	REV.	REV.
T.R.W.C.K.-M.A.K.	REV.	REV.
CH.C.E.P.-M.G.M.	REV.	REV.
SHEET 3 OF 11		C-7333



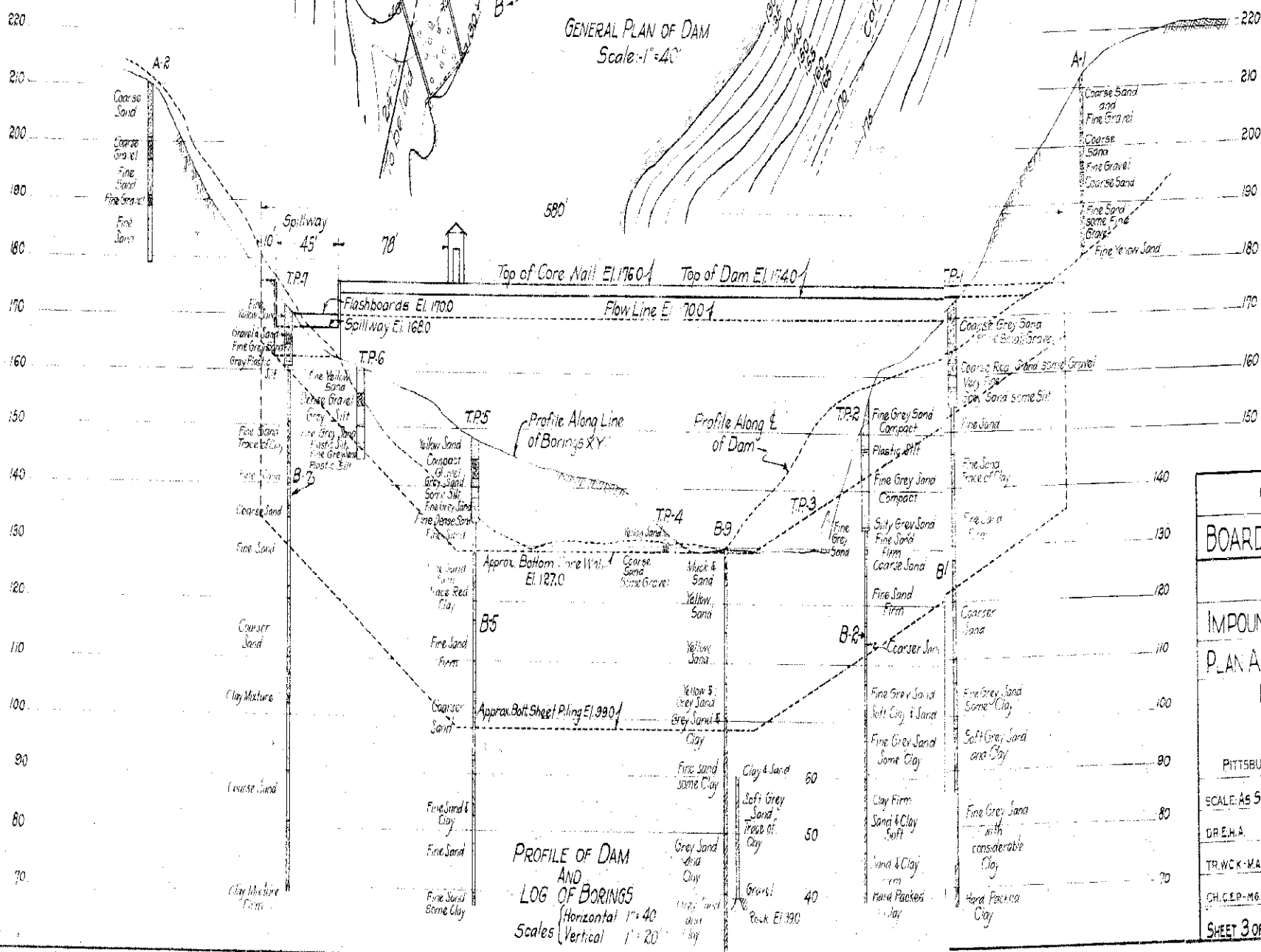
Note:
For Location Plan of Dam and
Reservoir see Dwg. C-7332.
For Sections A-A and
B-B see Dwg. C-7334.
For Details of Slope Paving Core
Wall etc see Dwg. C-7335.
For Details of Spillway and
Wasteway see Dws. C-7336, C-7337,
C-7338 and C-7339.
For Details of Gate House see
Dws. C-7340 and C-7341.

Extend Steel Sheet Piling
30' down stream
Piling 30' long Elevation
at top 175.0

LEGEND

- Test Pits
- Wash Borings (Dry Samples)
- Auger Borings
- Test Pits and Borings
- Sand
- Sand, Some Gravel
- Gravel
- Sand, Some Clay
- Clay
- Silt
- Muck
- Rock

Note:
Elevations are in feet from Mean Low
Water Charlestown Navy Yard Datum.
Information shown by Test Pits and
Borings is believed to be correct. The City of
Chicopee, however, does not guarantee the
accuracy of this information.



CHICOPEE, MASS.		
BOARD OF WATER COMMISSIONERS		
COOLEY BROOK		
IMPOUNDING DAM AND RESERVOIR		
PLAN AND PROFILE OF IMPOUNDING DAM		
MORRIS KNOWLES		
INCORPORATED		
ENGINEERS		
PITTSBURGH, PA.	CLEVELAND, OHIO	
SCALE AS SHOWN	DATE JULY 29, 1926	
DRE.H.A.	REV.	REV.
TRUCK-WAK.	REV.	REV.
CH.CEP-M&M.	REV.	REV.
SHEET 3 OF 11	C-7333	

Plan Original Book and Page: ch16033

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Sections of Impounding Dam**



Category	Index
Abutters	Chicopee, City of
City/Town	Chicopee
Dam	Cooley Brook Dam
Water	Cooley Brook Reservoir

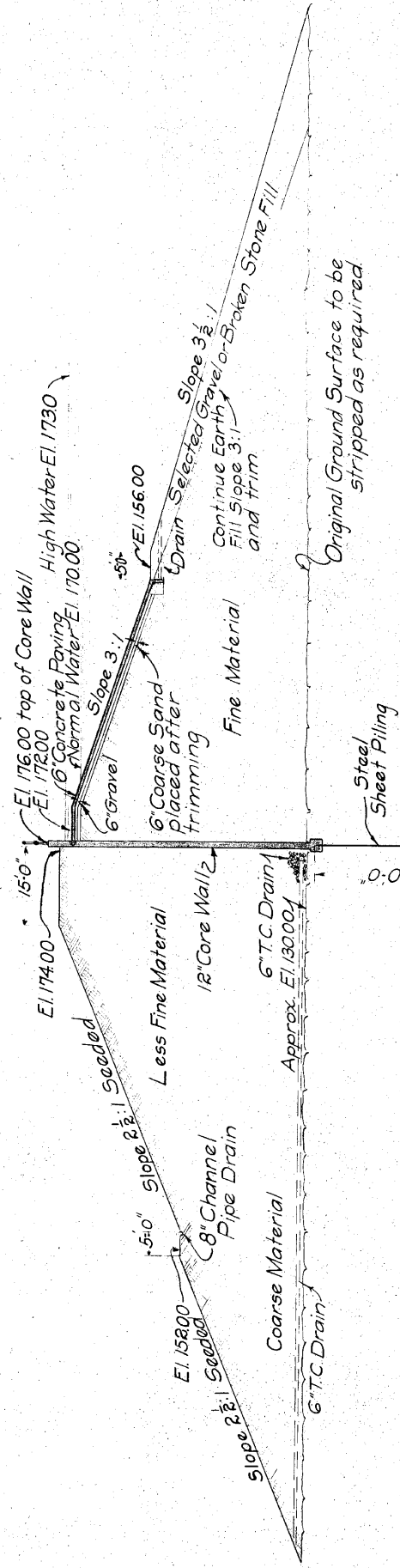
Plan Original Book and Page: ch16034

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Sections of Impounding Dam**

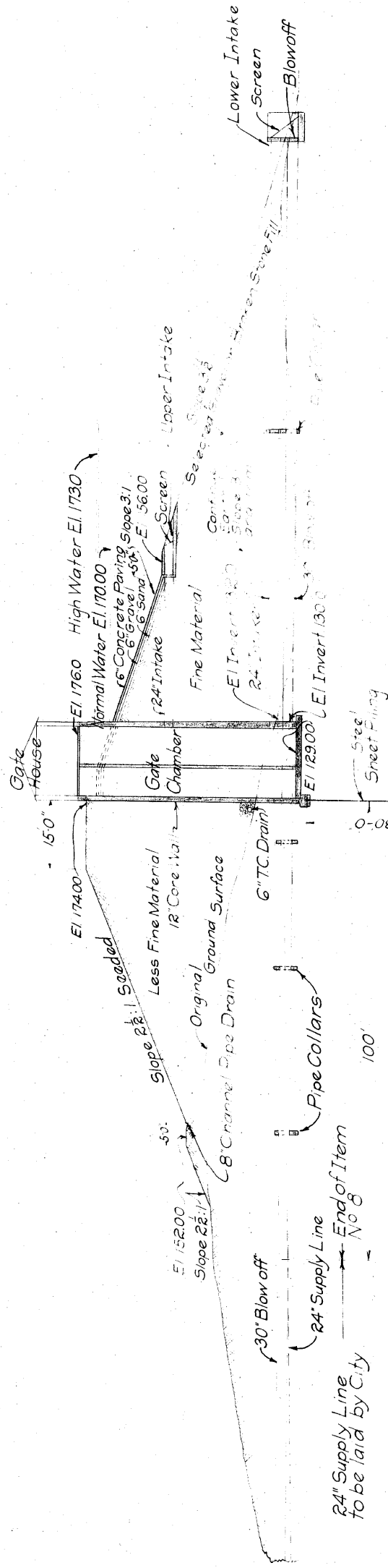
<u>Category</u>	<u>Index</u>
City/Town	Chicopee





TYPICAL DAM SECTION A-A
Scale: 1/4" = 1'-0"

Notes: For location of Sections A-A and B-B and General Plan of Dam see Dwg C-7333 For Details of Core Wall, Slope Paving, Inlets, etc see Dwg C-7335 For Details of Gate House see Dwg C-7340 For Details of Spillway and Wasteway see Dwg C-7336, C-7337, C-7338 and C-7339



DAM SECTION B-B
Scale: 3/8" = 1'-0"

CHICOPEE, MASS.	
BOARD OF WATER COMMISSIONERS	
COOLEY BROOK	
IMPOUNDING DAM AND RESERVOIR	
SECTIONS OF IMPOUNDING DAM	
MORRIS KNOWLES	
INCORPORATED	
ENGINEERS	
PITTSBURGH, PA.	
CLEVELAND, OHIO	
SCALE: AS SHOWN	DATE: JULY 29, 1926
DR. J. J. W.	REV.
TR. J. J. W. & K.	REV.
CH. E. H. A. & M. G. M.	REV.
SHEET 4 OF 11	C-7334

Plan Original Book and Page: ch16035

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Misc.
Details**



Category	Index
Abutters	Chicopee, City of
City/Town	Chicopee
Dam	Cooley Brook Dam
Water	Cooley Brook Reservoir

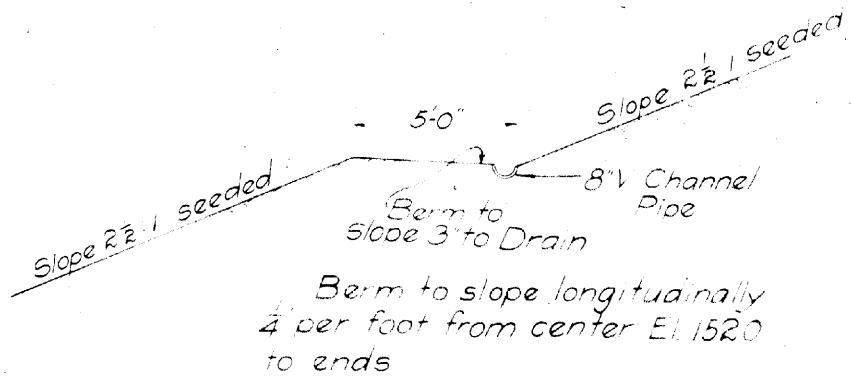
Plan Original Book and Page: ch16036

Name of specific Plan:

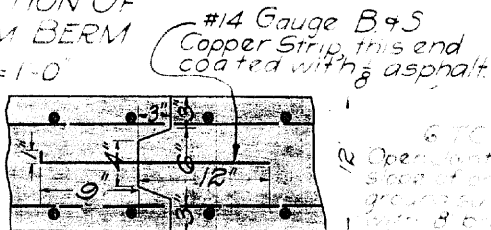
**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Misc.
Details**

<u>Category</u>	<u>Index</u>
City/Town	Chicopee



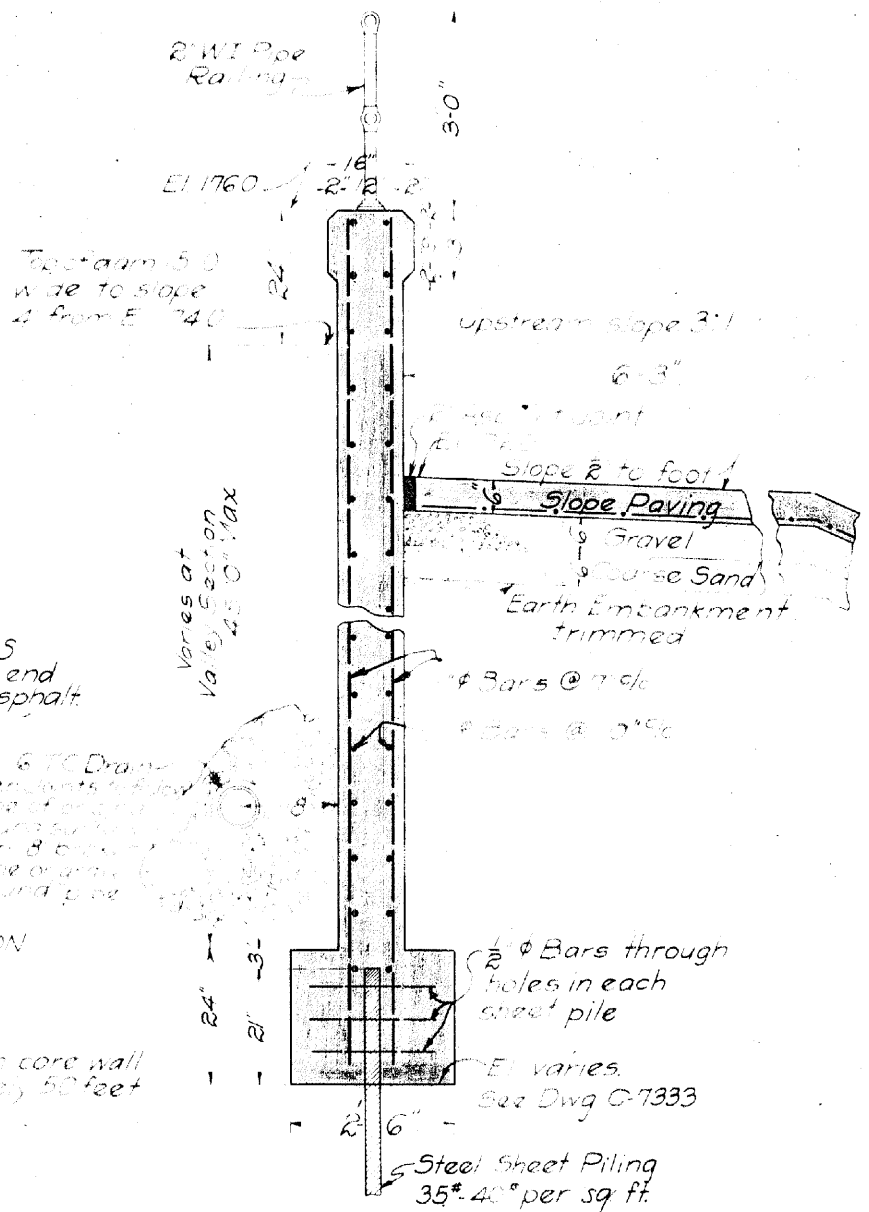


TYPICAL SECTION OF
DOWNSTREAM BERM
Scale: $\frac{1}{4}'' = 1'-0''$

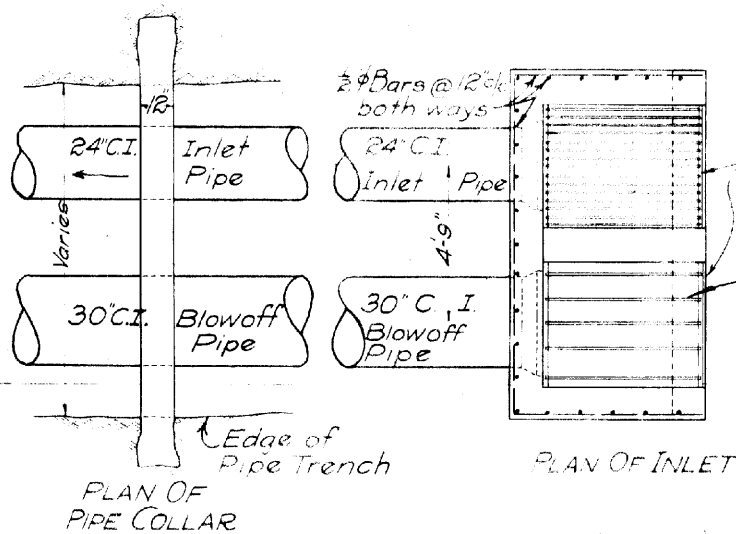
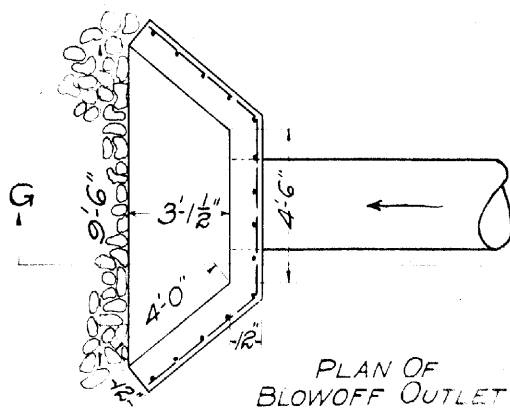


DETAIL OF VERTICAL
EXPANSION AND CONTRACTION
JOINT IN CORE WALL
Scale: $\frac{1}{4}'' = 1'-0''$

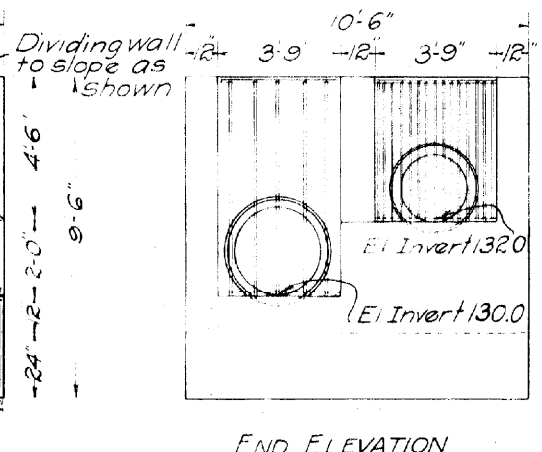
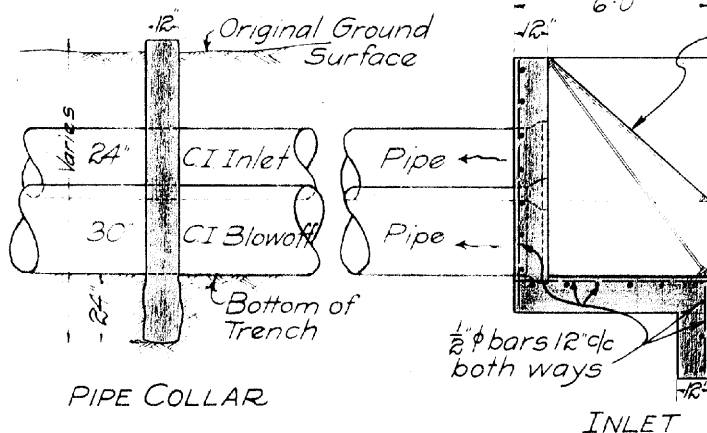
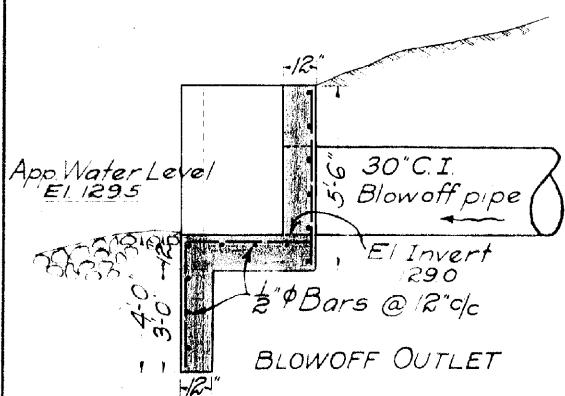
Note: Joints shall be installed in core wall
where designated, approximately 50 feet
apart



TYPICAL SECTION
CORE WALL
Scale: $\frac{1}{2}'' = 1'-0''$



DETAIL OF SCREEN
ANCHORS
3 Top and 3 bottom
bars screen
Scale: $\frac{1}{2}'' = 1'-0''$



Slope Paving
Sections 10'x10'

6" T.C. Drain
(spaced approx.
40' apart)

PLAN OF SLOPE PAVING
Scale: $\frac{1}{2}'' = 1'-0''$

SECTION E-E
Scale: $\frac{1}{2}'' = 1'-0''$

SECTION F-F
Scale: $\frac{1}{2}'' = 1'-0''$

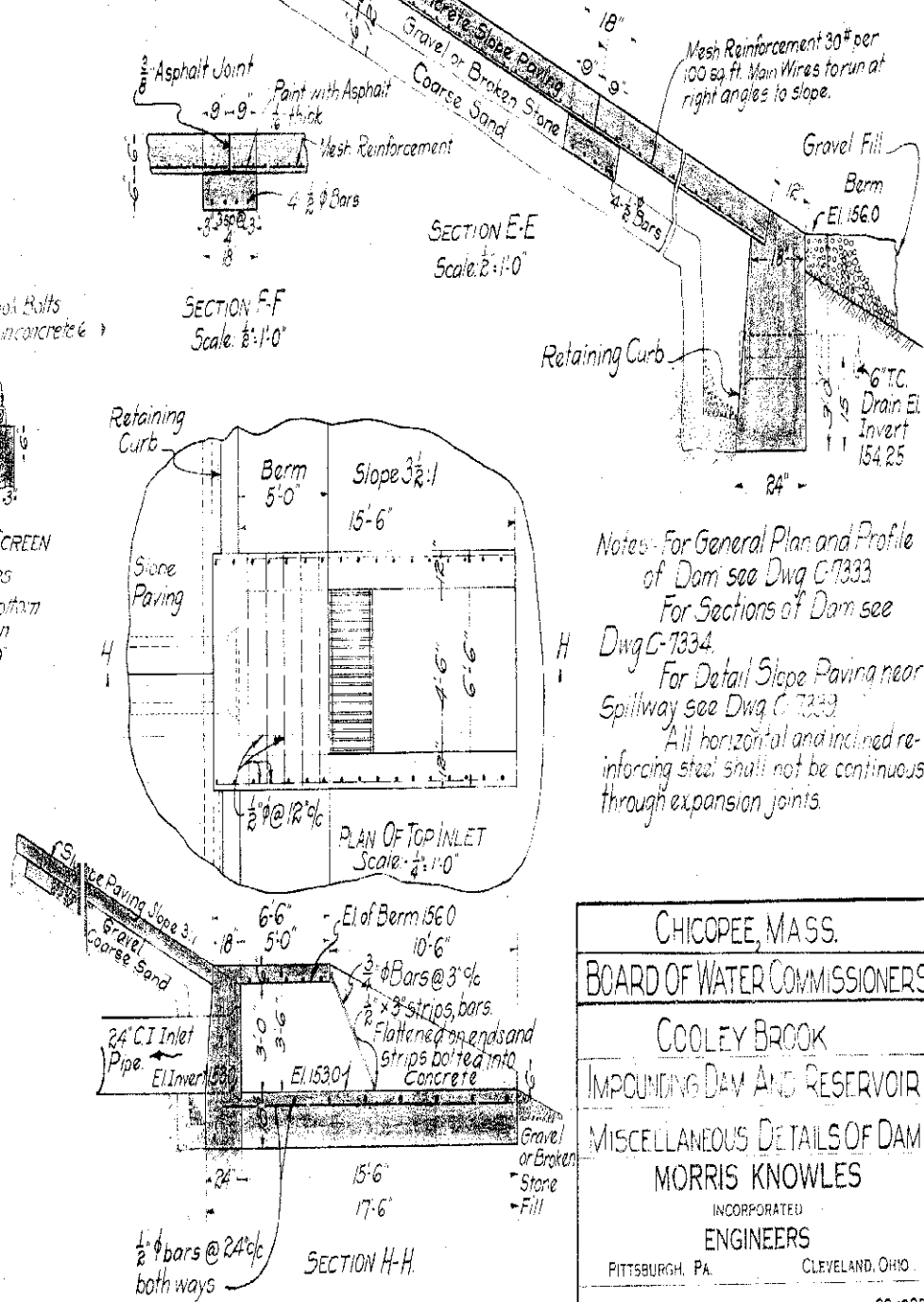
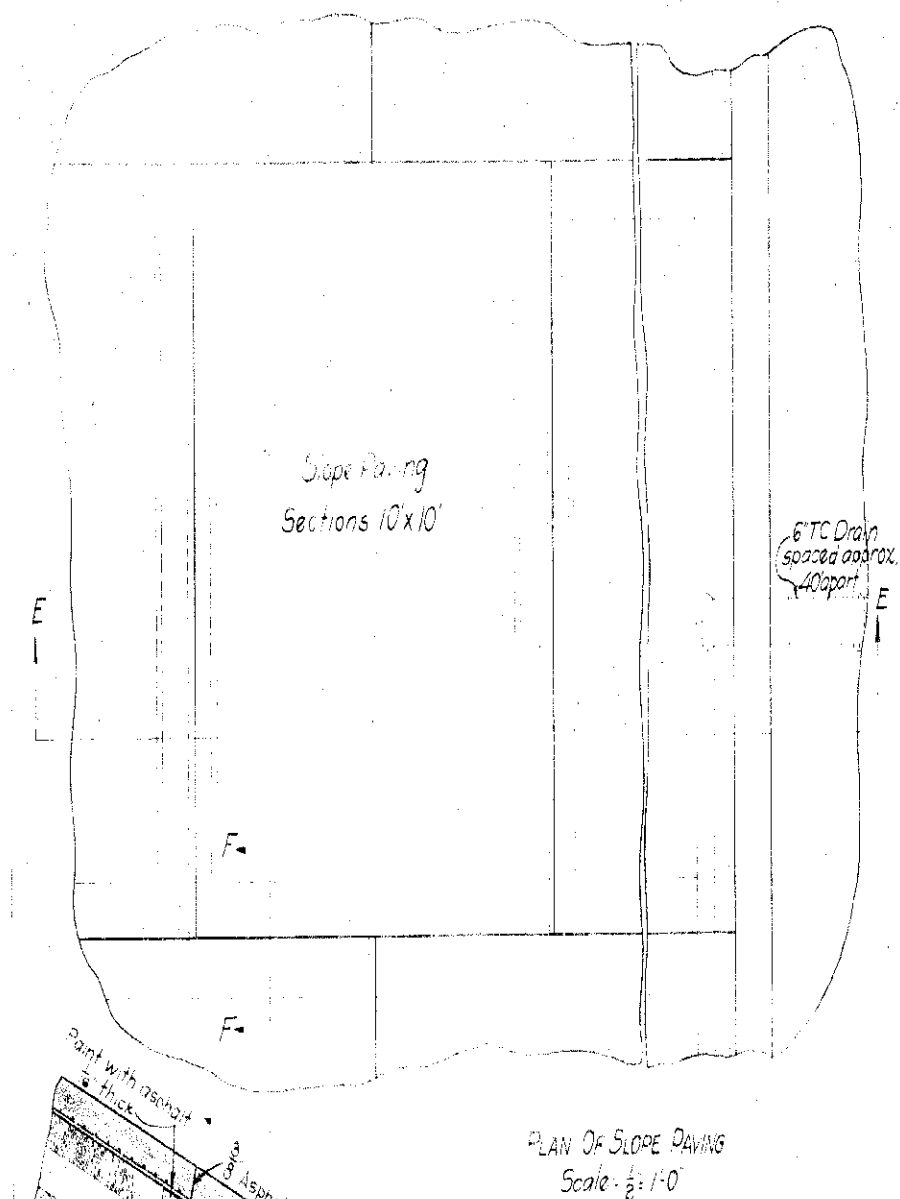
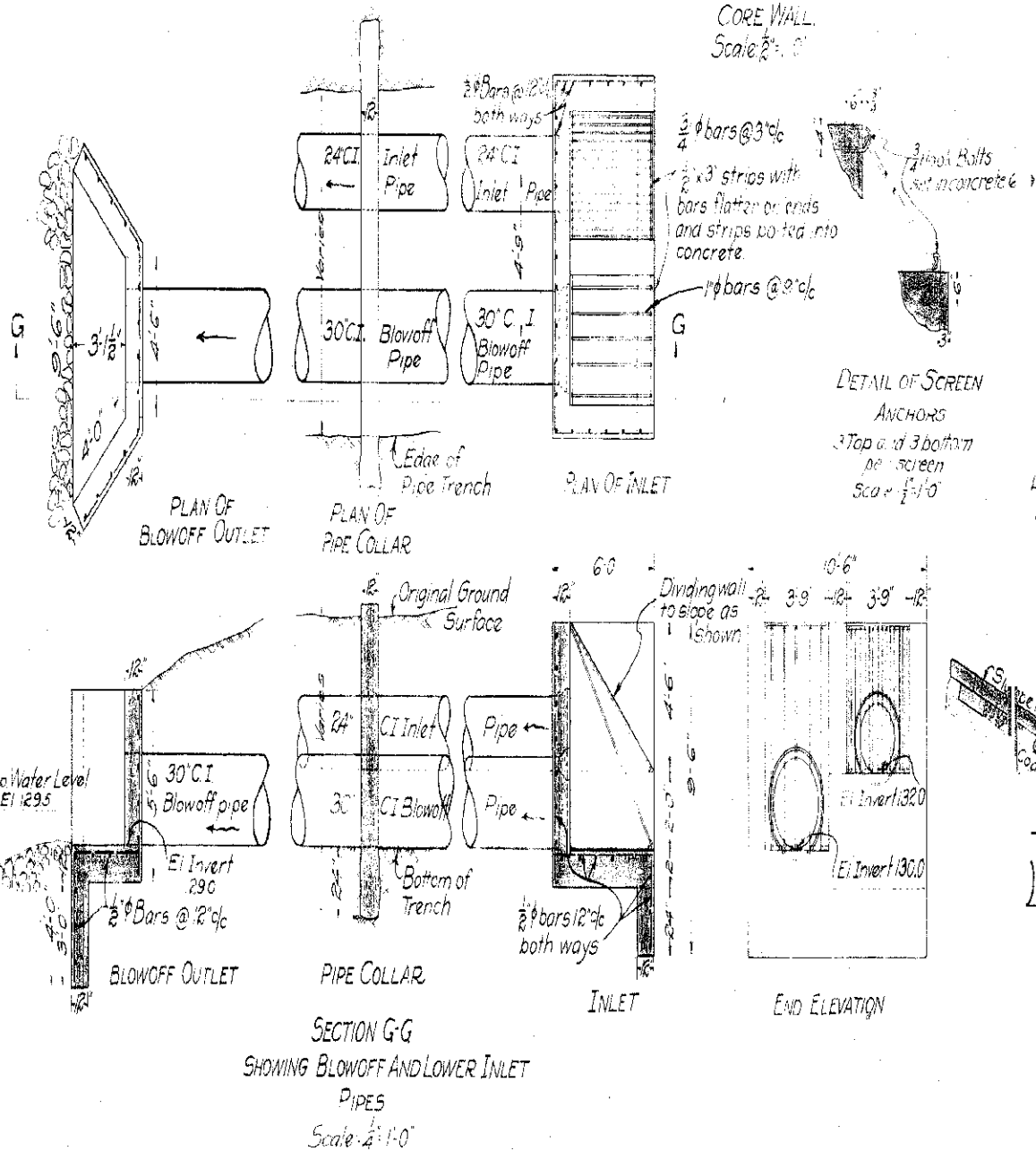
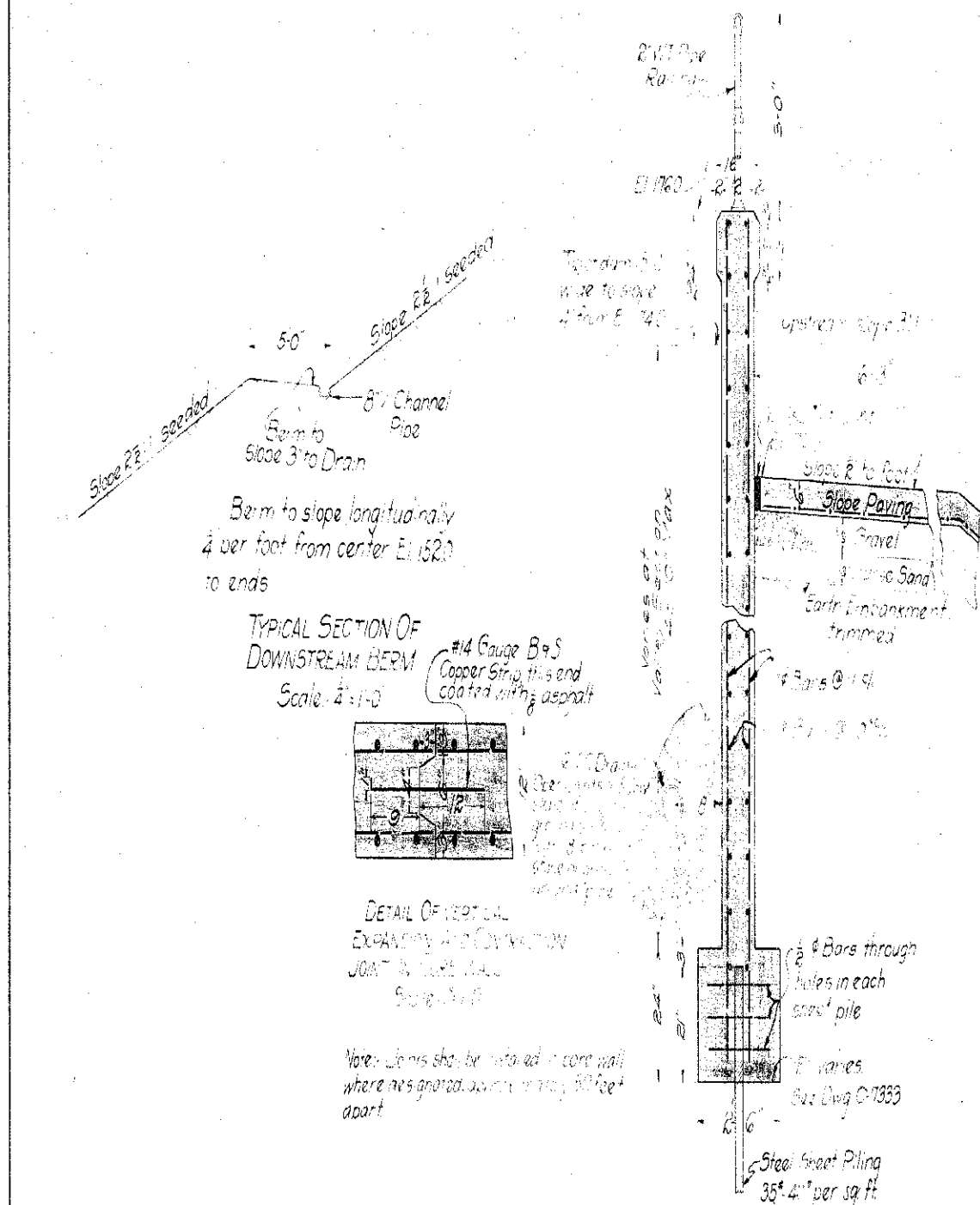
Retaining Curb

Notes: For General Plan and Profile
of Dam see Dwg. C-7333.
For Sections of Dam see
Dwg. C-7334.
For Detail Slope Paving near
Spillway see Dwg. C-7339.
All horizontal and inclined re-
inforcing steel shall not be continuous
through expansion joints.

PLAN OF TOP INLET
Scale: $\frac{1}{4}'' = 1'-0''$

SECTION H-H

CHICOPEE, MASS.		
BOARD OF WATER COMMISSIONERS		
COOLEY BROOK		
IMPOUNDING DAM AND RESERVOIR		
MISCELLANEOUS DETAILS OF DAM		
MORRIS KNOWLES		
INCORPORATED		
ENGINEERS		
PITTSBURGH, PA.		CLEVELAND, OHIO
SCALE: AS SHOWN		DATE: JULY 29, 1926
DR. E. H. A. - J. S. P.	REV.	REV.
TR. J. S. P. - M. A. K.	REV.	REV.
CH. E. H. A. - M. G. M.	REV.	REV.
SHEET 5 OF 11		C-7335



Notes: For General Plan and Profile of Dam see Dwg. C-7333
For Sections of Dam see Dwg. C-7334
For Detail Slope Paving near Spillway see Dwg. C-7339
All horizontal and inclined reinforcing steel shall not be continuous through expansion joints.

CHICOPEE, MASS.			
BOARD OF WATER COMMISSIONERS			
COOLEY BROOK			
IMPOUNDING DAM AND RESERVOIR			
MISCELLANEOUS DETAILS OF DAM			
MORRIS KNOWLES			
INCORPORATED			
ENGINEERS			
PITTSBURGH, PA.		CLEVELAND, OHIO	
SCALE - AS SHOWN		DATE - JULY 29, 1926	
DR. E. H. J. S. P.	REV.	REV.	
TR. S. P. M. A. K.	REV.	REV.	
CH. E. H. M. G. M.	REV.	REV.	
SHEET 5 OF 11		C-7335	

Plan Original Book and Page: ch16037

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Plan
& Profile of Wasteway**



Category	Index
City/Town	Chicopee
City/Town	Chicopee, City of
Dam	Cooley Brook Dam
Water	Cooley Brook Reservoir

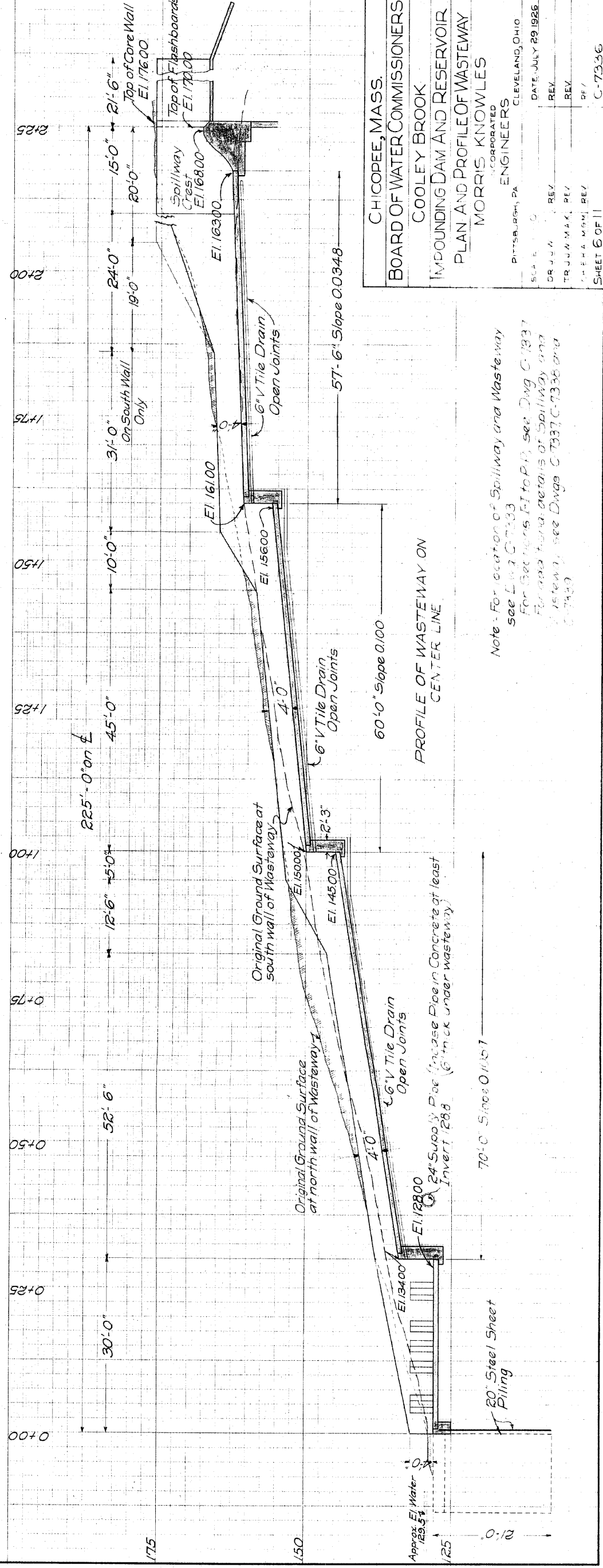
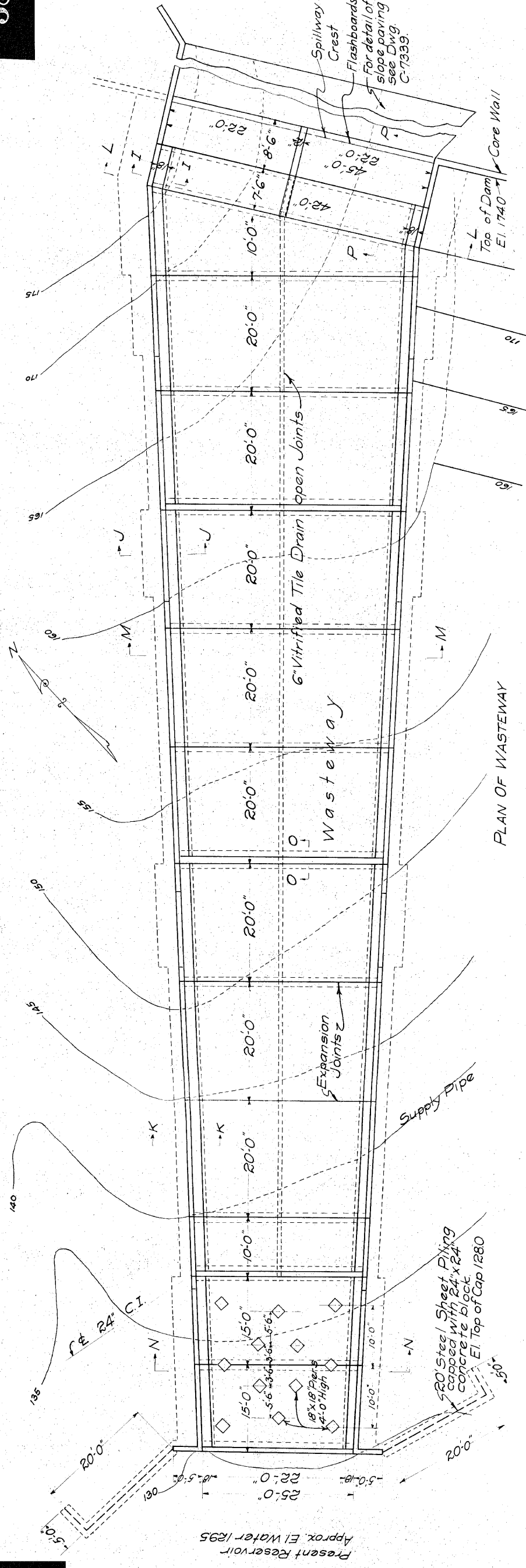
Plan Original Book and Page: ch16038

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Plan
& Profile of Wasteway**



<u>Category</u>	<u>Index</u>
City/Town	Chicopee



Note: For location of Spillway and Wasteway see Env. C-7333.
For Sections FI to PP, see Dwg. C-7337.
For additional details of Spillway and Wasteway, see Dwg. C-7337, C-7338 and C-7420.

CHICOPEE, MASS.	
BOARD OF WATER COMMISSIONERS	
COLEY BROOK	
IMPOUNDING DAM AND RESERVOIR PLAN AND PROFILE OF WASTEWAY	
MORRIS KNOWLES INCORPORATED ENGINEERS	
PITTSBURGH, PA.	
CLEVELAND, OHIO	
DATE JULY 29 1926	
SCALE	
DRAWN REV	REV
TRUCK MAX. REV	
REHA MOW. REV	DE /
SHEET 6 OF 11	C-7336

Plan Original Book and Page: ch16039

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Wasteway**



Category	Index
Abutters	Chicopee, City of
City/Town	Chicopee
Dam	Cooley Brook Dam
Water	Cooley Brook Reservoir

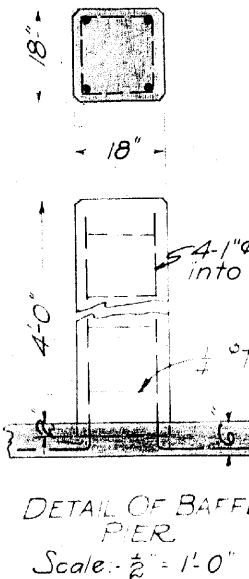
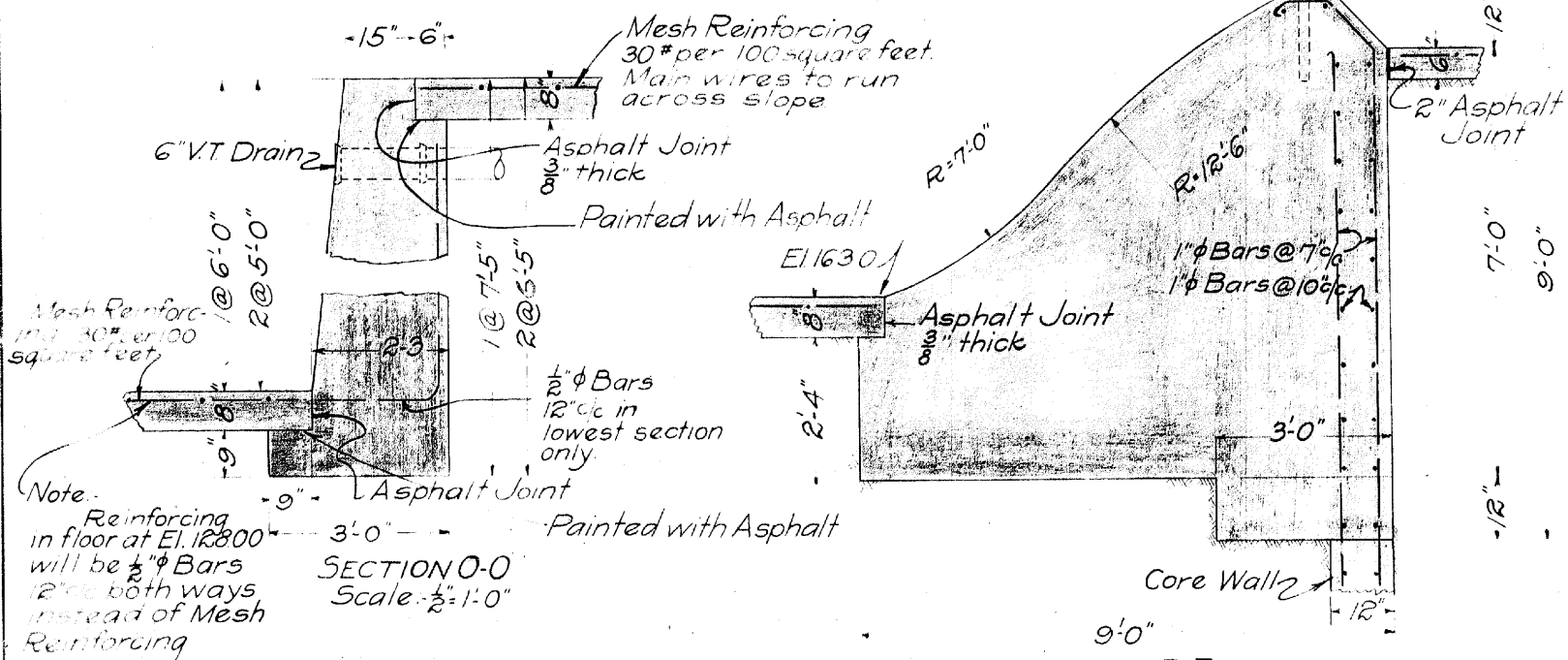
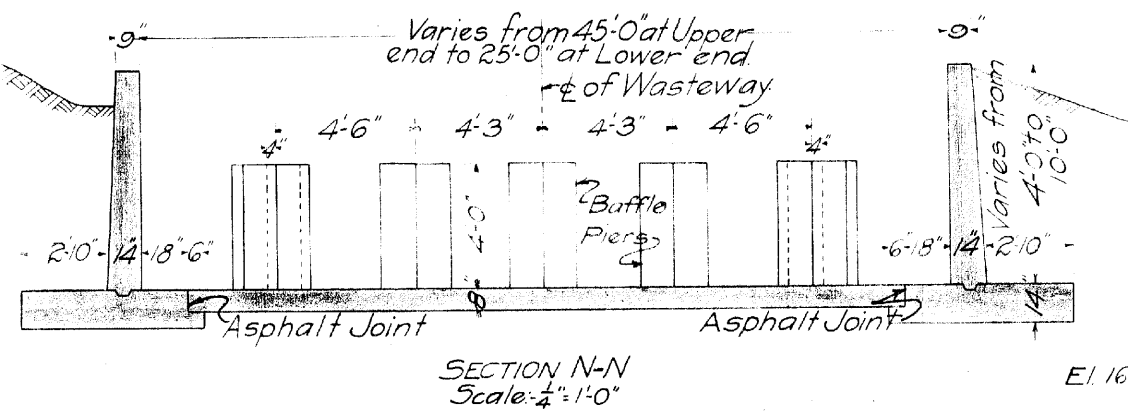
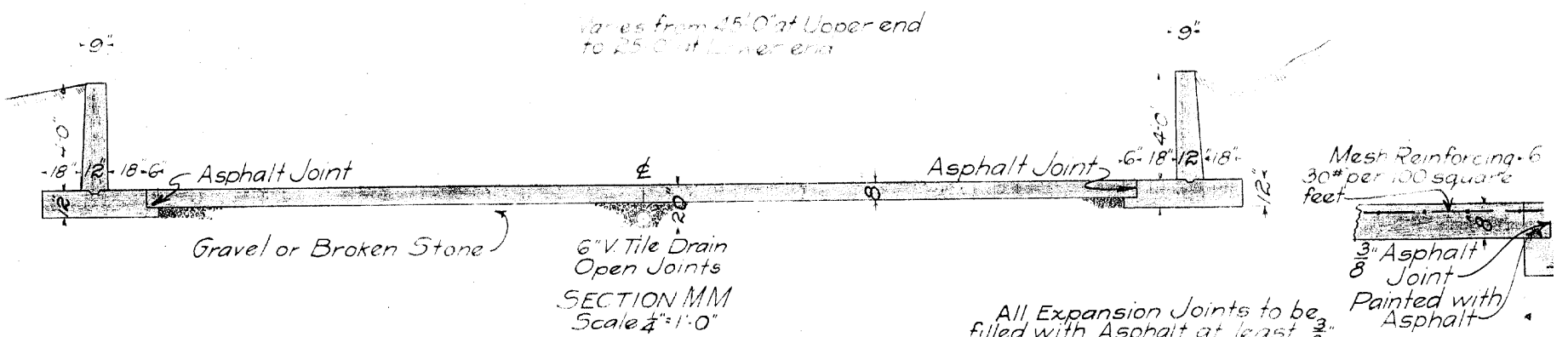
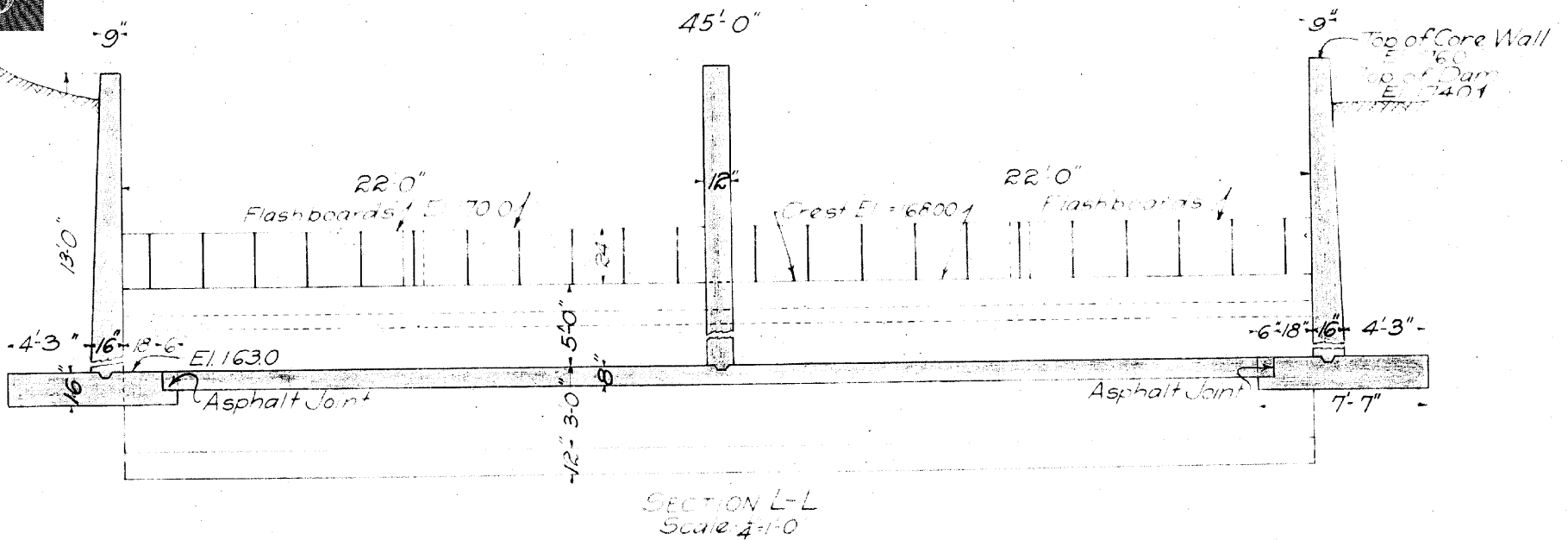
Plan Original Book and Page: ch16040

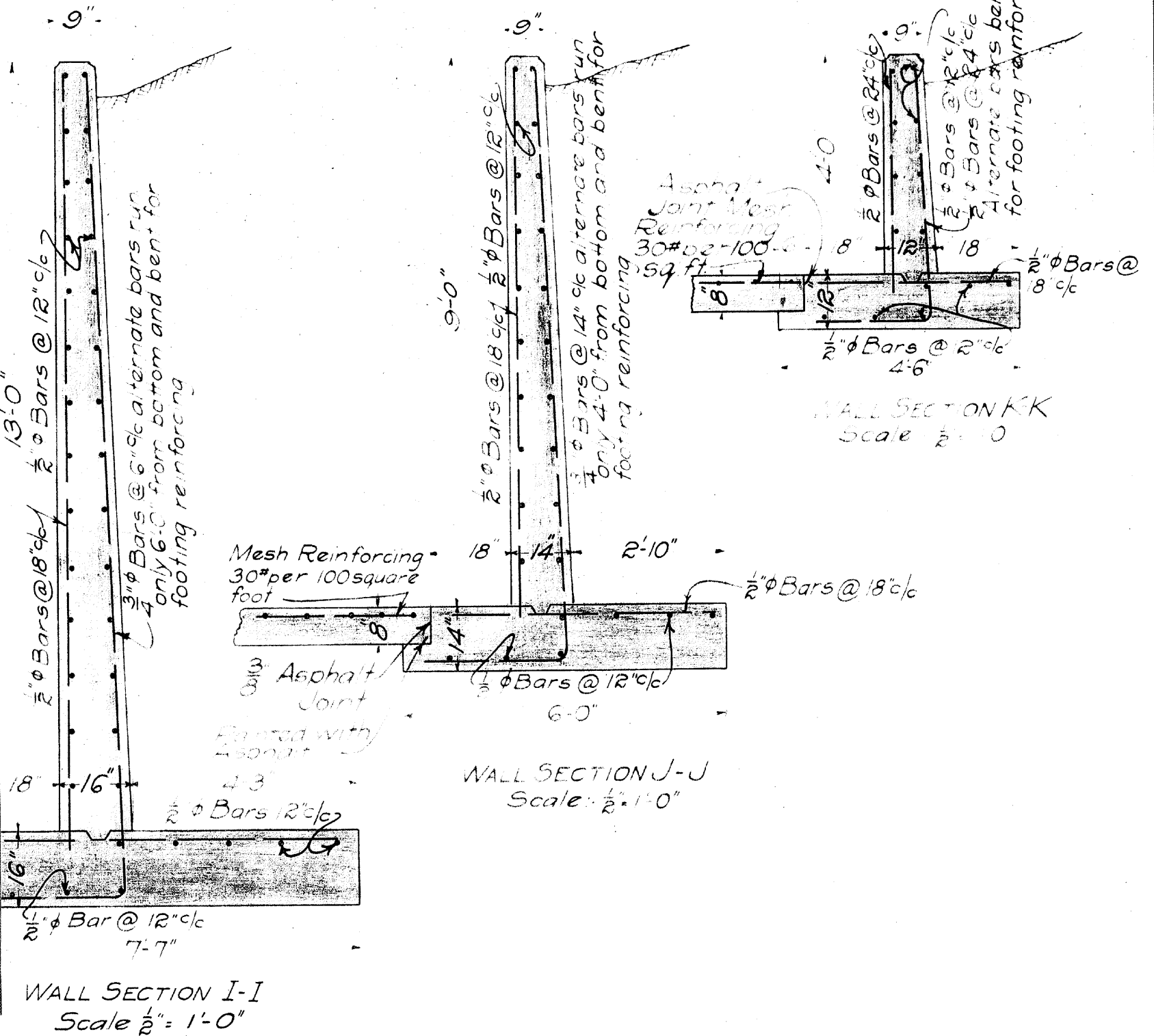
Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Wasteway**



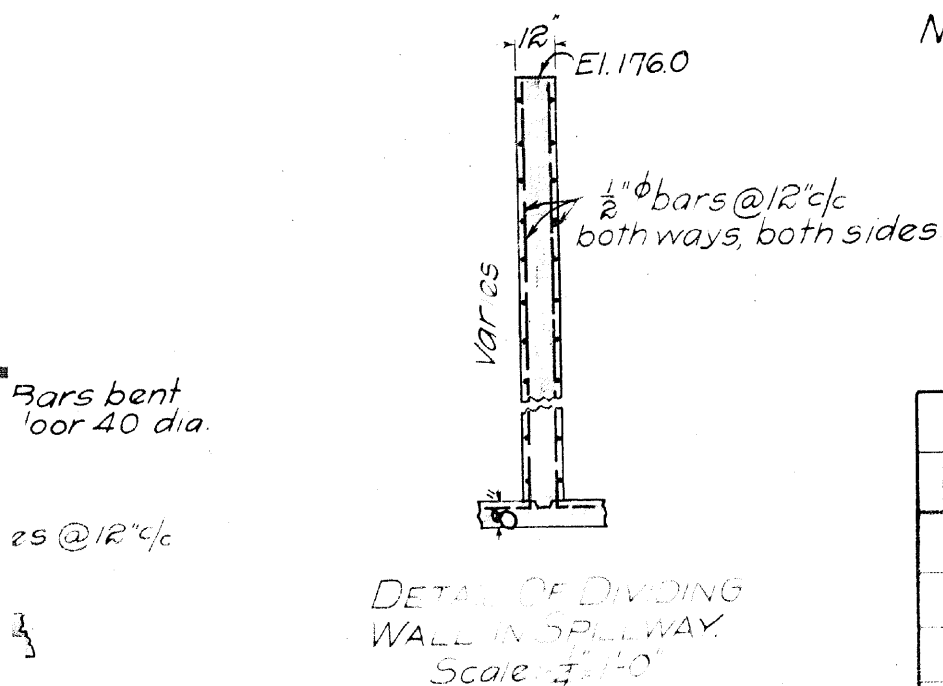
Category	Index
City/Town	Chicopee
Dam	Cooley Brook Impounding Da
Water	Cooley Brook





phalt

All horizontal and inclined reinforcing steel shall not be continuous through expansion joints.



Note: For location of Sections I-I to P-P see Dwg C-7336.
For additional Details of Spillway and Wasteway see Dwg. C-7338 and C-7339.

CHICOPEE, MASS.		
BOARD OF WATER COMMISSIONERS		
COOLEY BROOK		
IMPOUNDING DAM AND RESERVOIR		
DETAIL OF WASTEWAY		
MORRIS KNOWLES		
INCORPORATED		
ENGINEERS		
PITTSBURGH, PA.		CLEVELAND, OHIO
SCALE: AS SHOWN		DATE: JULY 29, 1926
DR. J. J. W.	REV.	REV.
TR. J. J. W.-MAK	REV.	REV.
CH. E. HA.-M.G.M.	REV.	REV.
SHEET 7 OF 11		C-7337

SCALE: AS SHOWN		DATE: JULY 29, 1962	
DR. J. W.	REV.	REV.	
TR. J. W. MAX	REV.	REV.	
CH. E. A. M. M.	REV.	REV.	
SHEET 7 OF		C-7337	

Plan Original Book and Page: ch16041

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Flashboards**



Category	Index
Abutters	Chicopee, City of
City/Town	Chicopee
Dam	Cooley Brook Dam
Water	Cooley Brook Reservoir

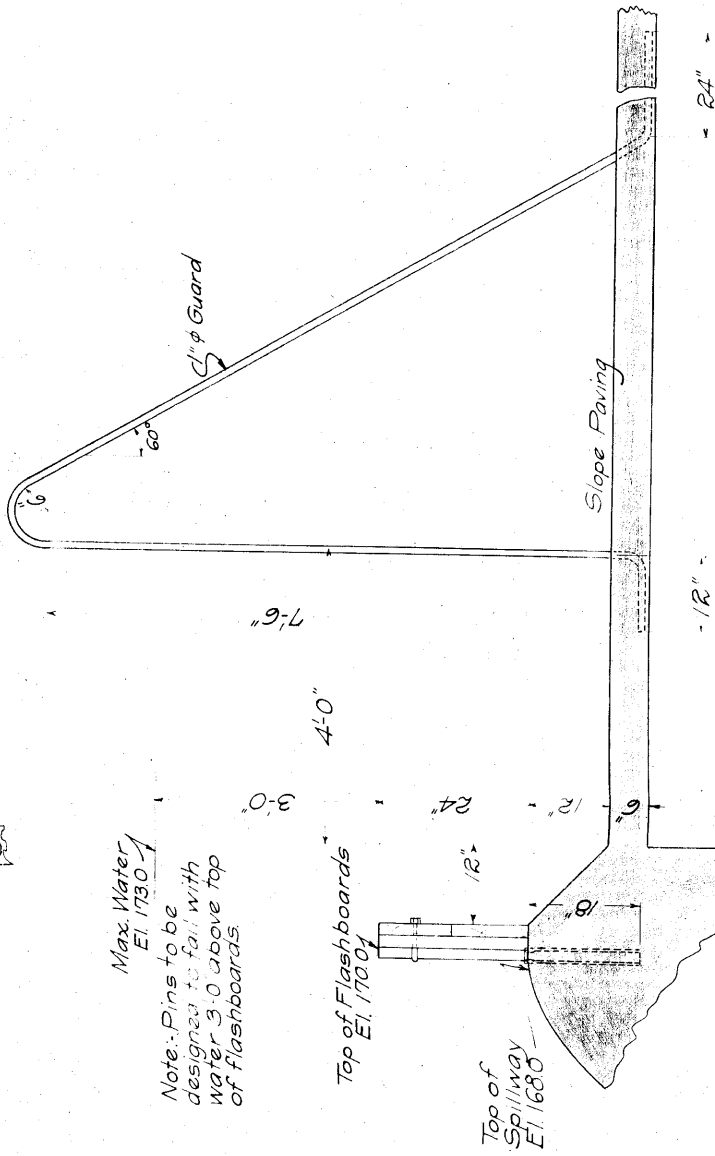
Plan Original Book and Page: ch16042

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Flashboards**

<u>Category</u>	<u>Index</u>
City/Town	Chicopee





Max. Water
El. 1730 A

Top of Flashboards
E1.170.01

Top of
Spillway
E1 1680-

Slope Paving

24"

-12-

CHICOFEE MASS
BOARD OF WATER COMMISSIONERS

COOLING DOWN

INTEGRATING DAM AND RESERVOIR DETAILS OF FLASHBOARDS

MORRIS KNOWLES
INCORPORATED

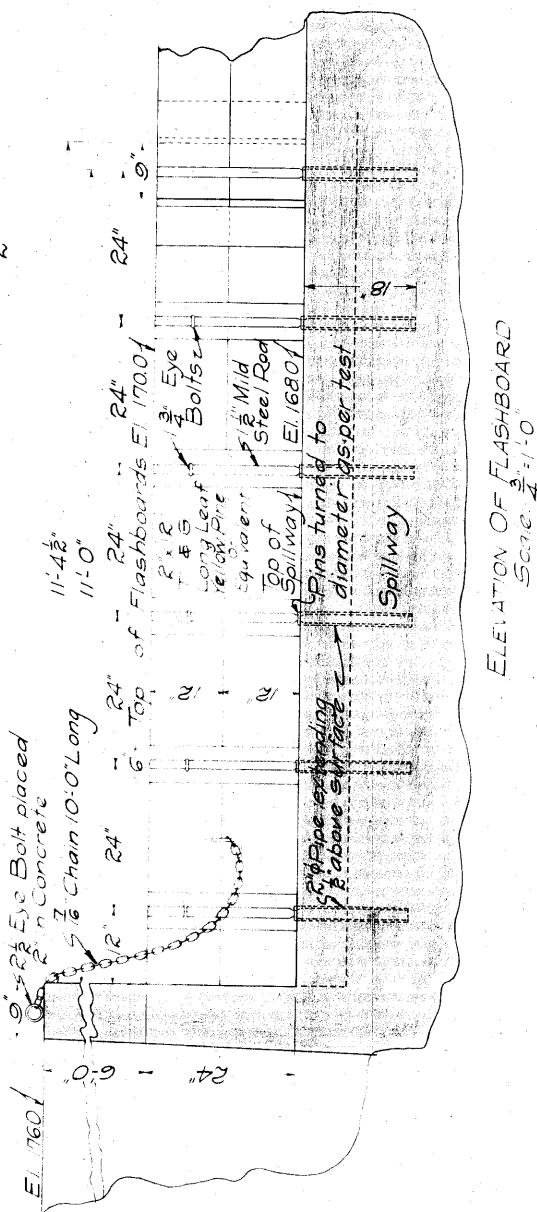
ENGINEERS
PITTSBURGH, PA. CLEVELAND, OHIO

SCALE: AS SHOWN

DR JJW	REV.	REV.
TRJJW-MAK	REV.	REV.

CH. E. H. A-MGM	REV.	REV.
-----------------	------	------

SHEET 00F11



276
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PLAN OF FLASHBOARD
Scale - 3" = 1'

Canterbury Grove to be
the new one.

24 June 1966

DETAILS OF ON
SCALE 1/100

Plan Original Book and Page: ch16043

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Slope Paving & Spillway**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| water | Cooley Brook Reservoir |

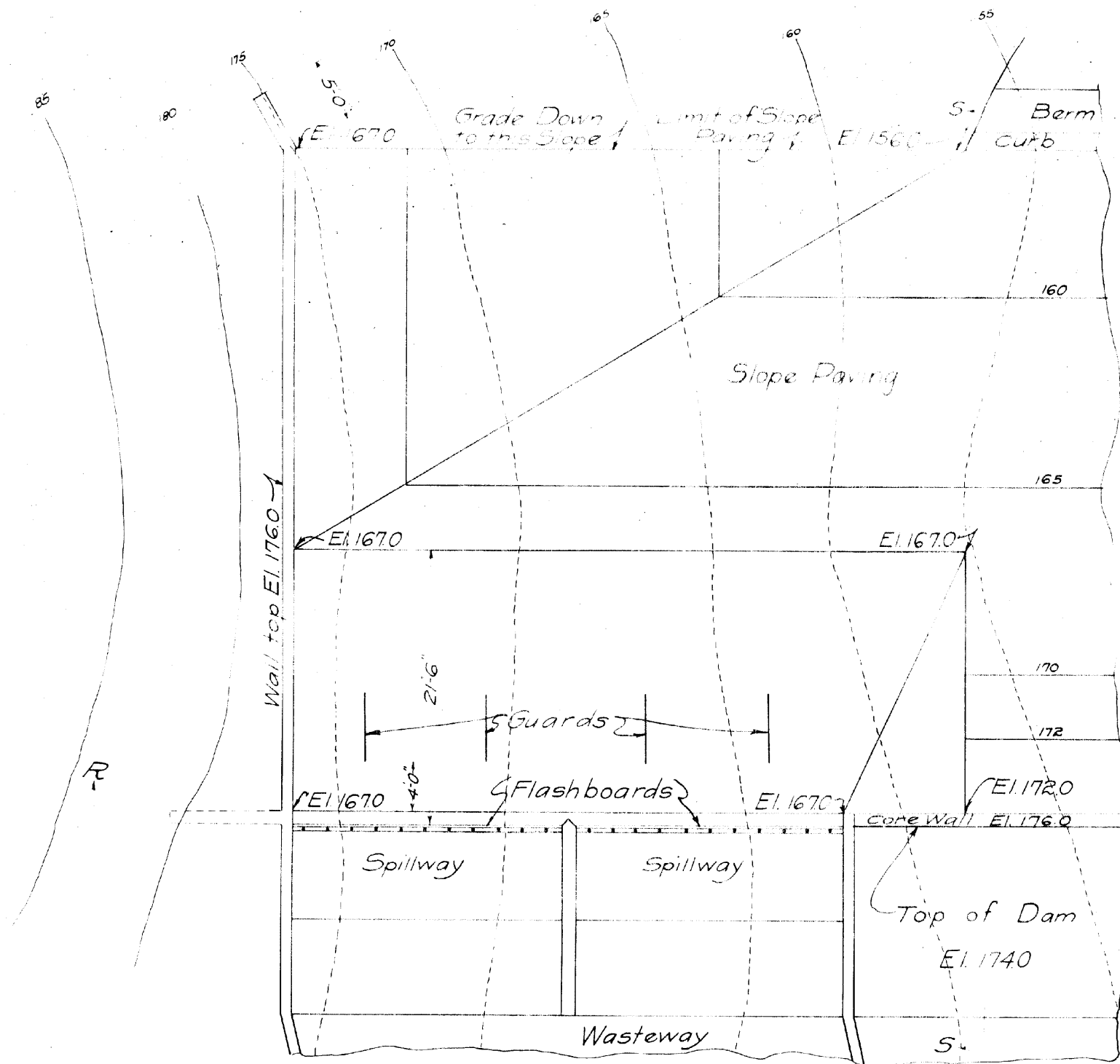
Plan Original Book and Page: ch16044

Name of specific Plan:

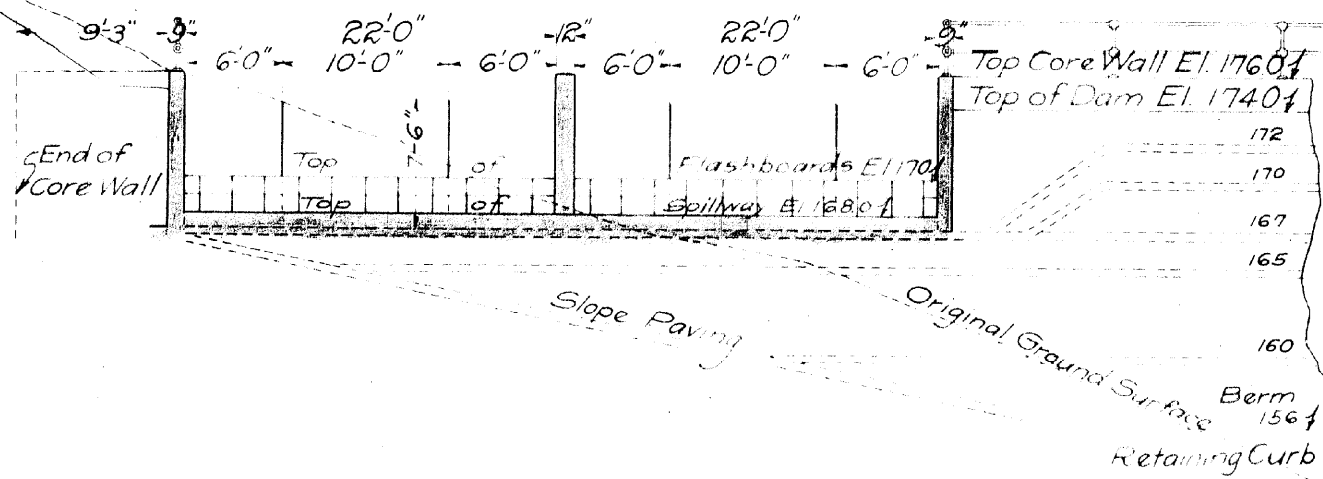
**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Slope Paving & Spillway**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |

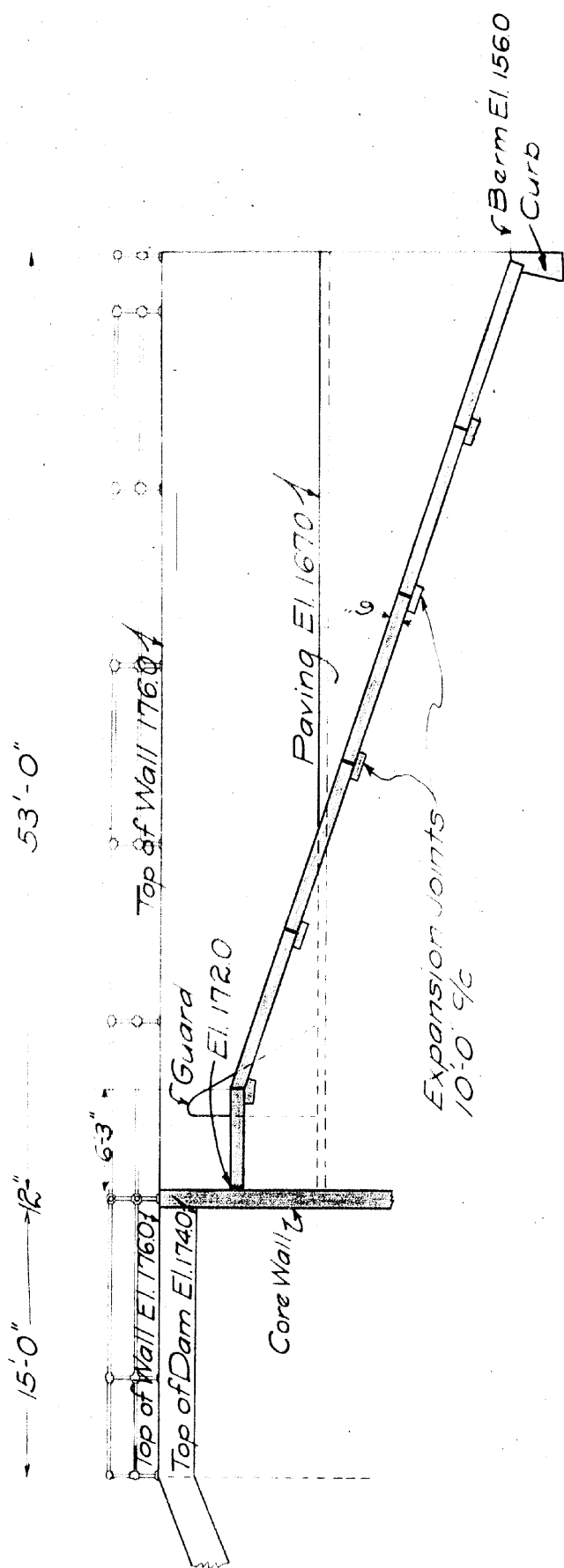




PLAN OF SLOPE PAVING
AT SPILLWAY
Scale: $\frac{1}{8}'' = 1'-0''$



SECTION R-R
SHOWING DEVELOPMENT OF SLOPE
PAVING
Scale: $\frac{1}{8}'' = 1'-0''$



SECTION S-S
Scale: $\frac{1}{8}" = 1'-0"$

Note: For General Plan of Spillway
see Dwg. C-7333 and C-7336.
For concrete and reinforcing
details see Dwg. C-7335.

| | | |
|-----------------------------------|------|---------------------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| DETAIL OF SLOPE PAVING & SPILLWAY | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: $\frac{1}{8}" = 1'-0"$ | | DATE: JULY 29, 1926 |
| DREHA | REV. | REV. |
| TRJJW-MAK | REV. | REV. |
| CH, CEP, MGM | REV. | REV. |
| SHEET 9 OF 11 | | C-7339 |

Plan Original Book and Page: ch16043

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Slope Paving & Spillway**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| water | Cooley Brook Reservoir |

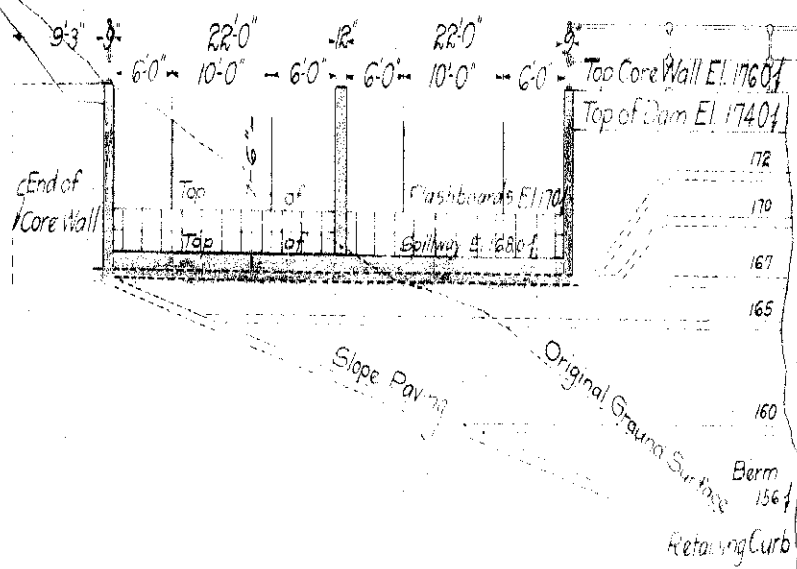
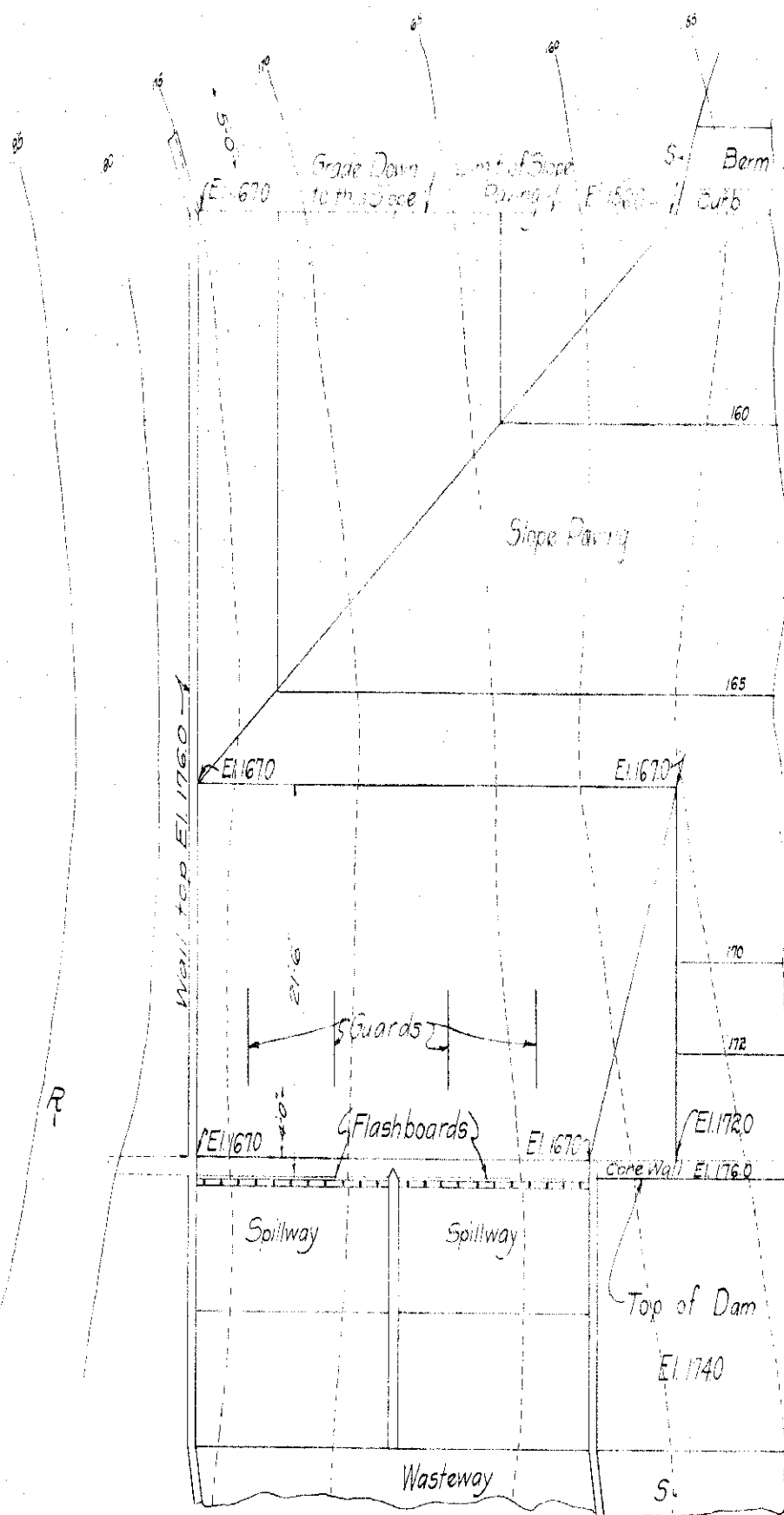
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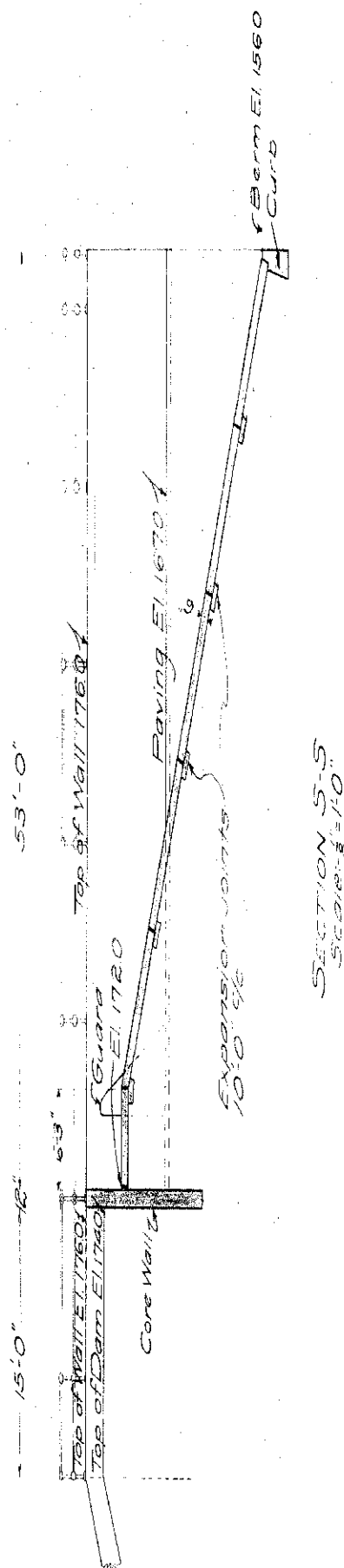
**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Slope Paving & Spillway**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |





Note: For General Plan of Spillway
see Dwg. C-7333 and C-7336.
For concrete and reinforcing
details see Dwg. C-7335.



| CHICOPEE, MASS. | | |
|-----------------------------------|------|---------------------|
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| DETAIL OF SLOPE PAVING & SPILLWAY | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: $\frac{1}{8}'' = 1'-0''$ | | DATE: JULY 29, 1926 |
| DWYHA | REV. | REV. |
| THURMAN | REV. | REV. |
| CH. C. P. H. M. | REV. | REV. |
| SHEET 9 OF 11 | | C-7339 |

Plan Original Book and Page: ch16045

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Gate House**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

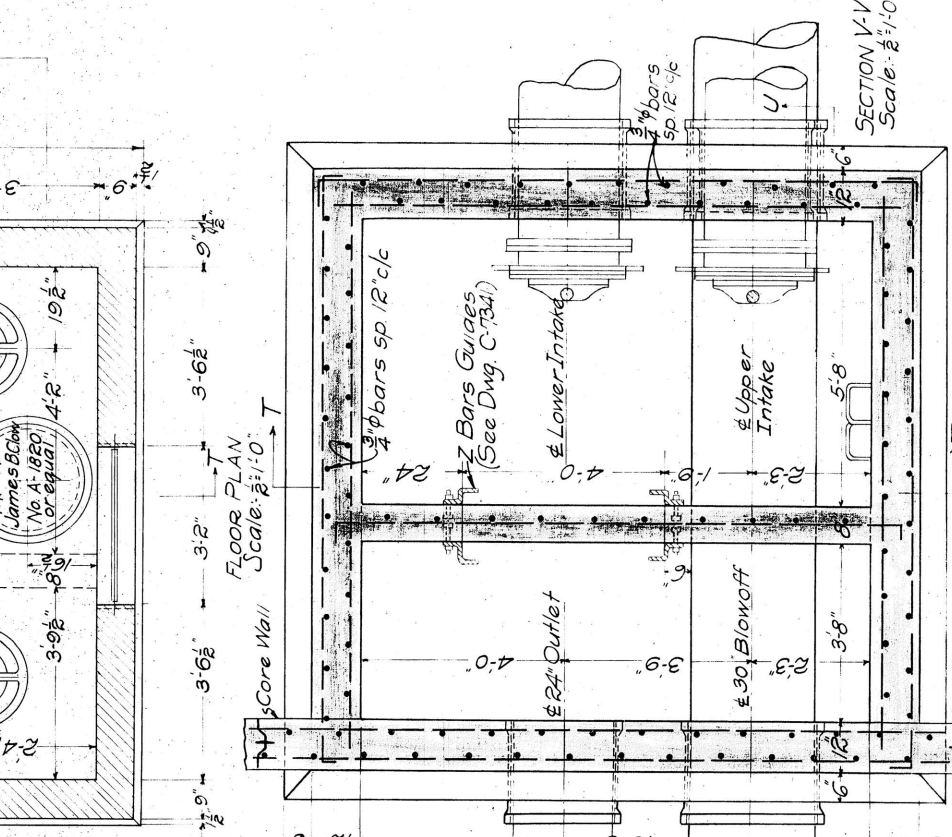
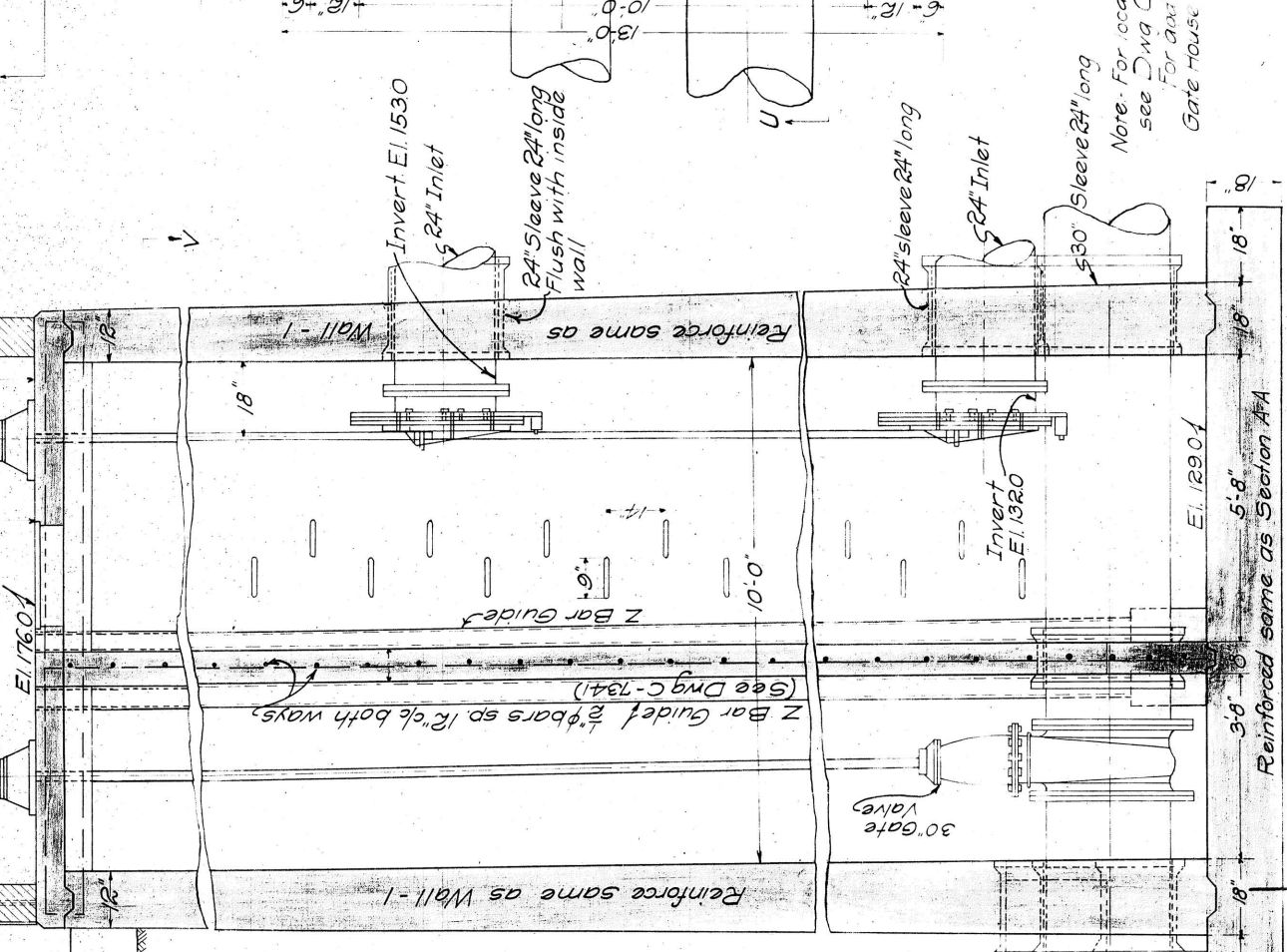
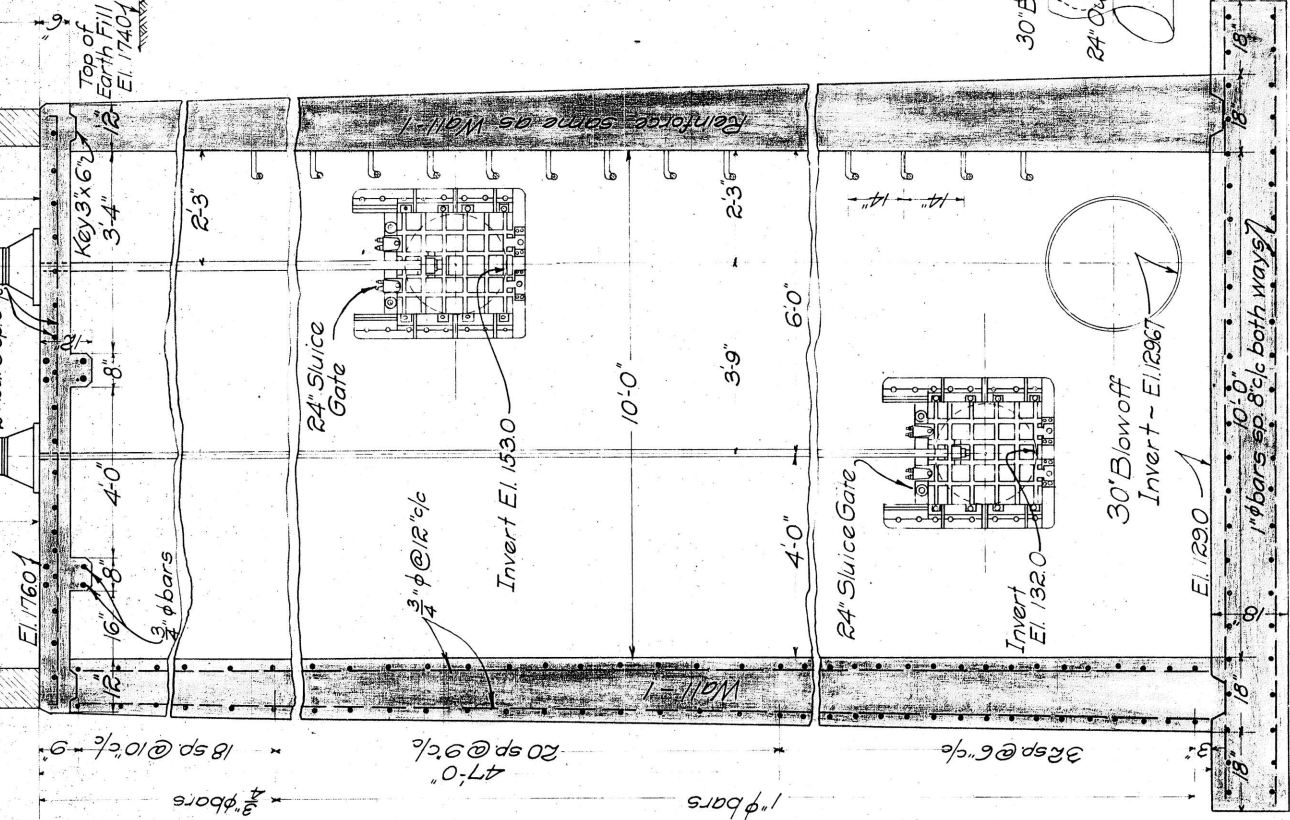
Plan Original Book and Page: ch16046

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Gate House**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |





| | | | |
|------------------------------|--|--------------------|------|
| CHICOPEE, MASS. | | DATE JULY 29, 1926 | |
| BOARD OF WATER COMMISSIONERS | | CLEVELAND OHIO | |
| COOLEY BROOK | | PITTSBURGH, PA. | |
| IMPOUNDING DAM AND RESERVOIR | | SCALE: AS SHOWN | |
| DETAILS OF GATE HOUSE | | DR DW P | REV. |
| MORRIS KNOWLES | | TRMBM JR-MAK | REV. |
| INCORPORATED | | CH E H A-MGM | REV. |
| ENGINEERS | | SHEET 10 OF 11 | |
| C | | C-7340 | |

Core No. 12

For Detail of Expansion
and Contraction Joint
see Dwg. C-7335

Section of Gate House
C-7333

and Details of
see Dwg. C-7341.

[illegible]

Plan Original Book and Page: ch16047

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Misc
Details**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

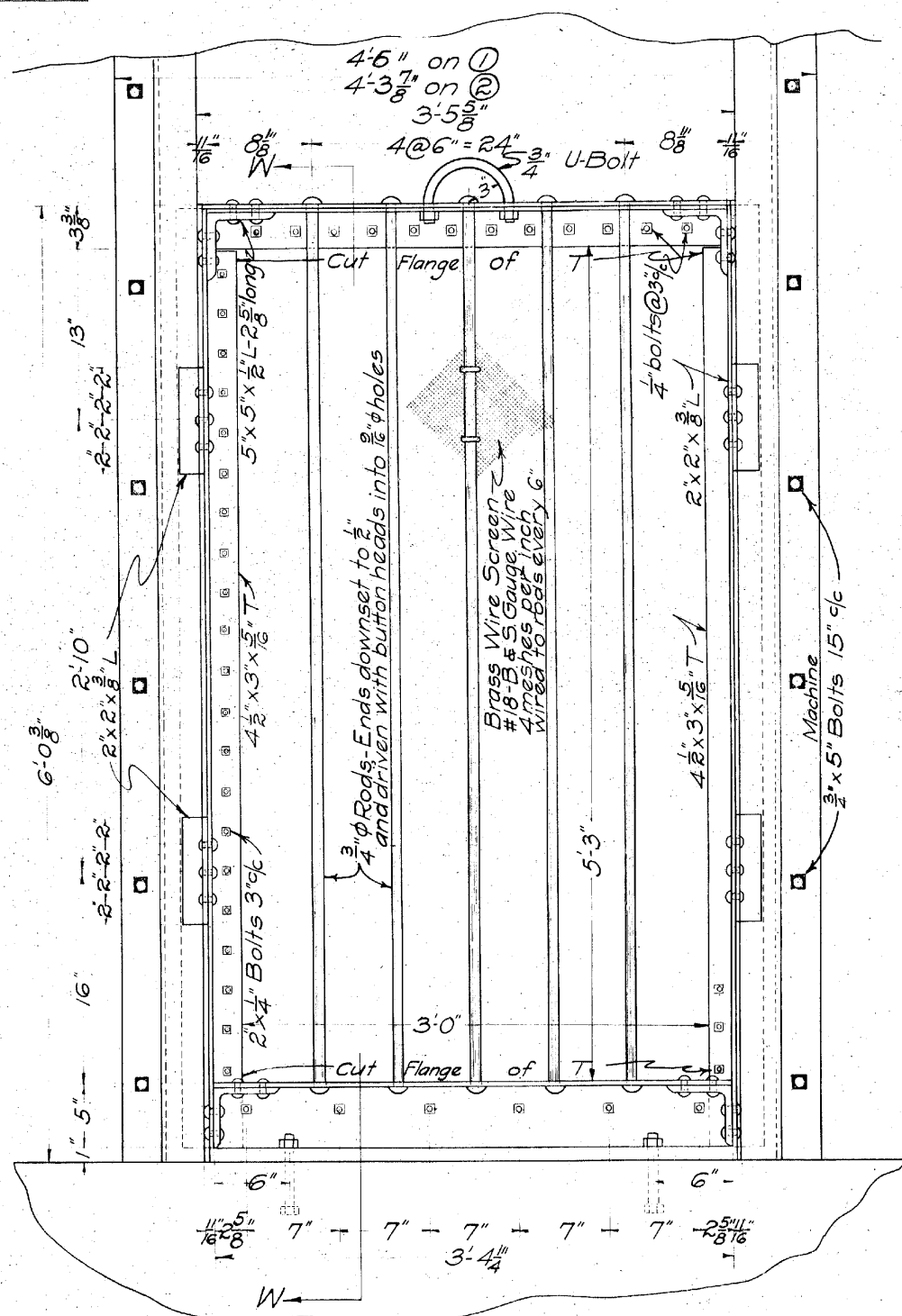
Plan Original Book and Page: ch16048

Name of specific Plan:

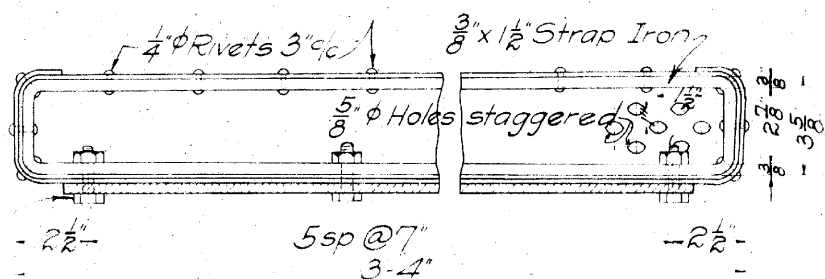
**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Misc
Details**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |

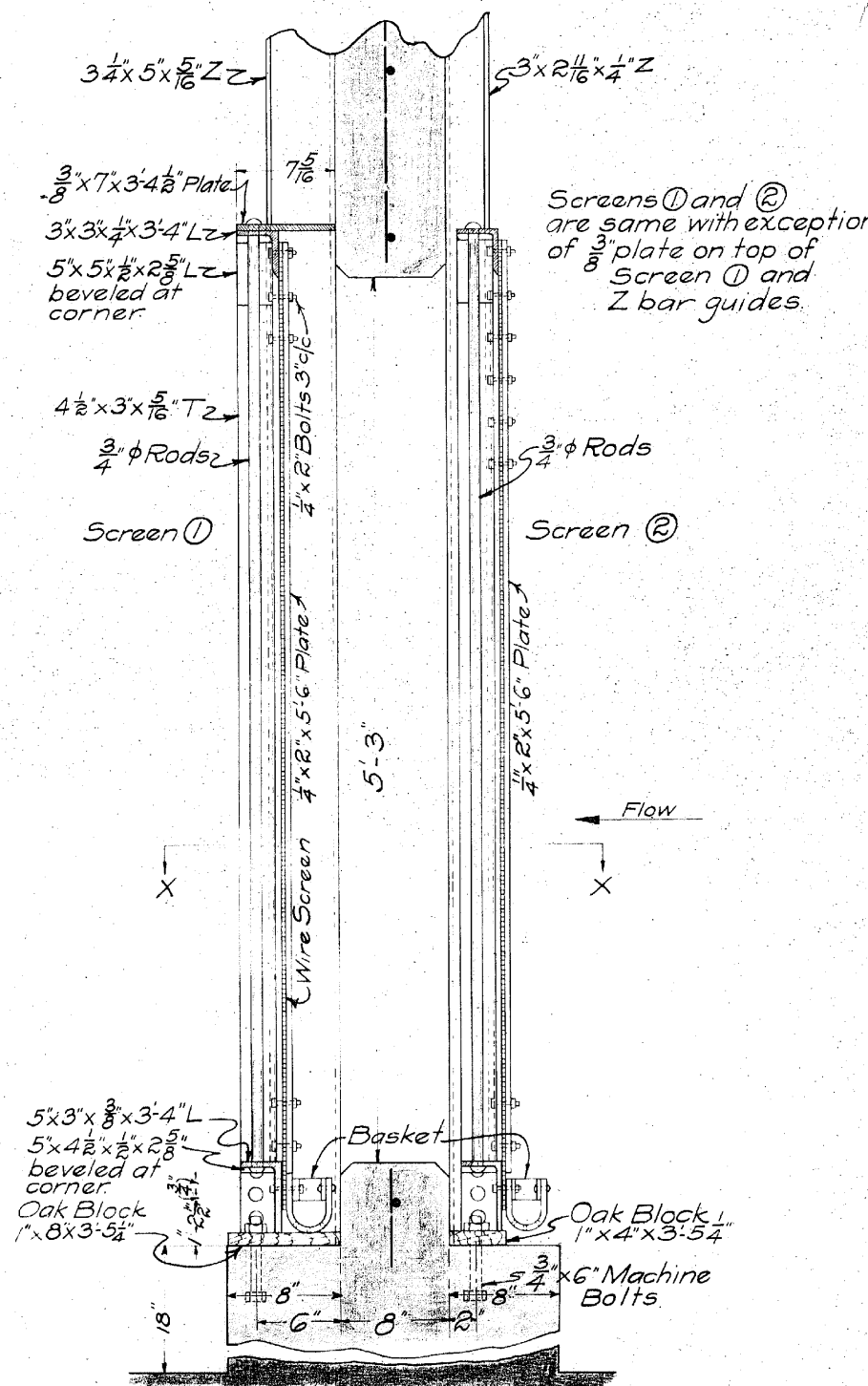




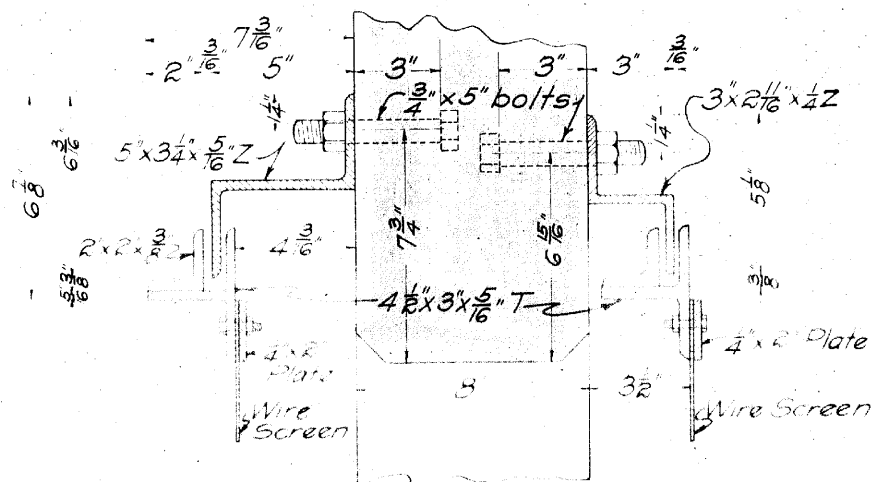
ELEVATION OF SCREEN ①
Scale: $1\frac{1}{2}" = 1'-0"$



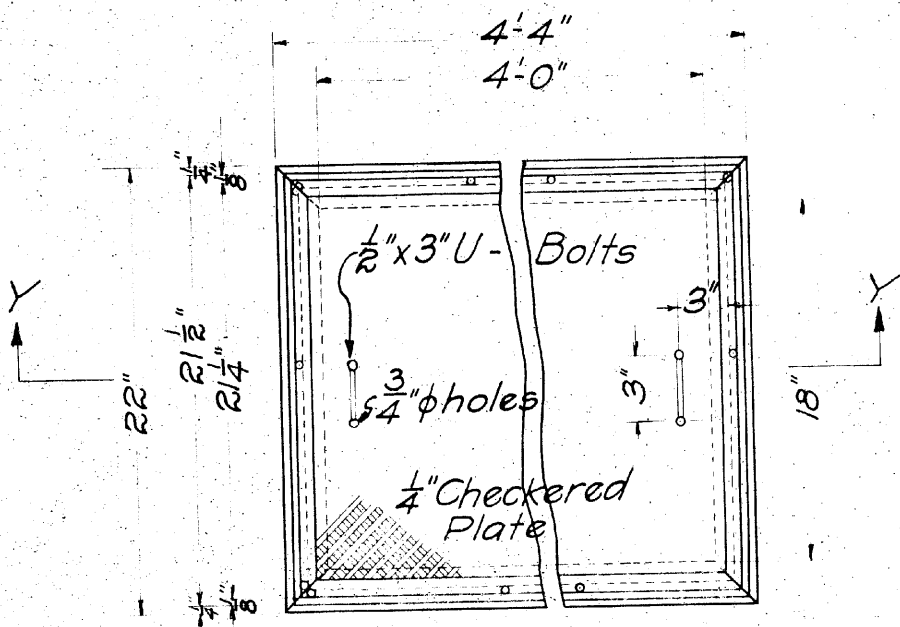
6-2'00" by 2-1/4" long PLAN OF BASKET
Scale: 3" = 1'-0"



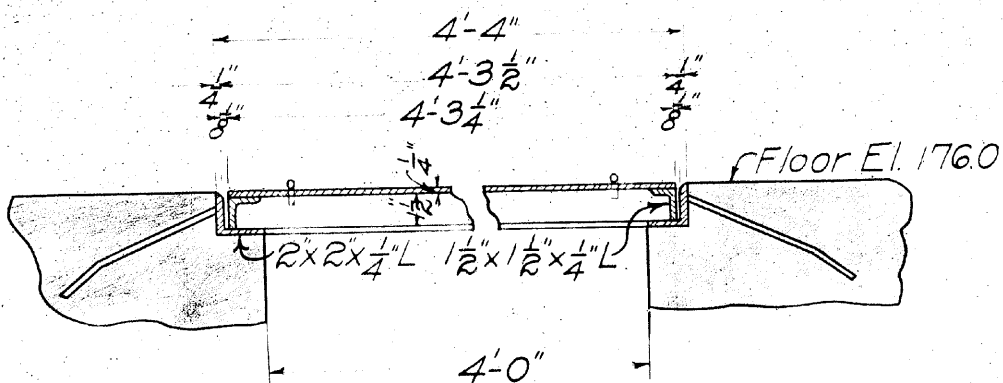
SECTION W-W THROUGH
SCREENS
Scale: $1\frac{1}{2}" = 1'-0"$



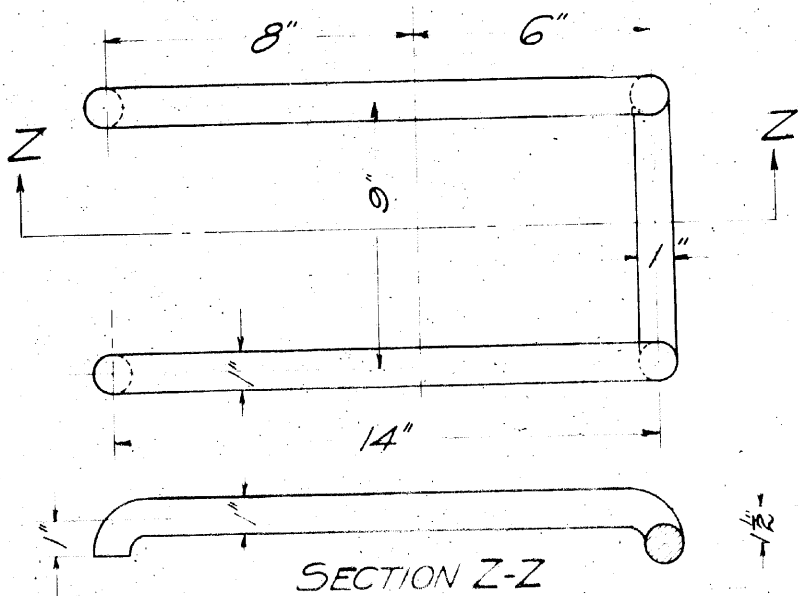
SECTIONAL PLAN X-X
Scale - 3" = 1'



PLAN OF FISH SCREEN FLOOR
OPENING FRAME AND COVER
2. Required
Scale: $1\frac{1}{2}''=1'-0''$



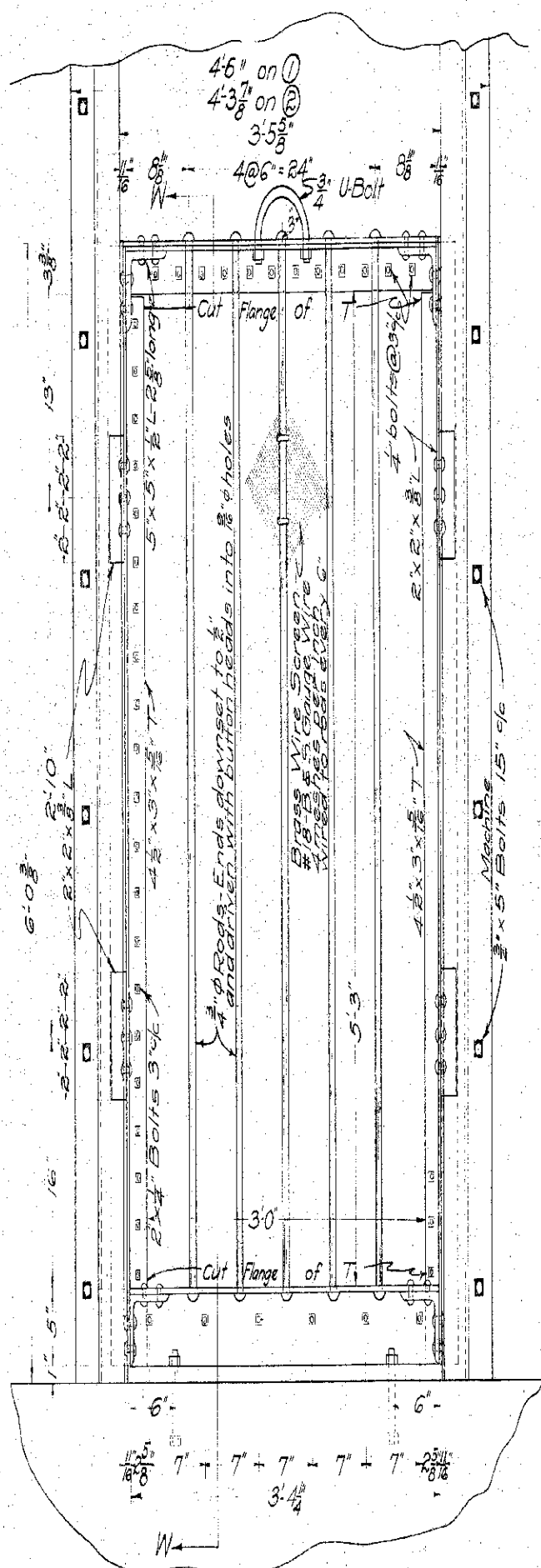
SECTION Y-Y
Scale: $1\frac{1}{2}''=1'-0''$



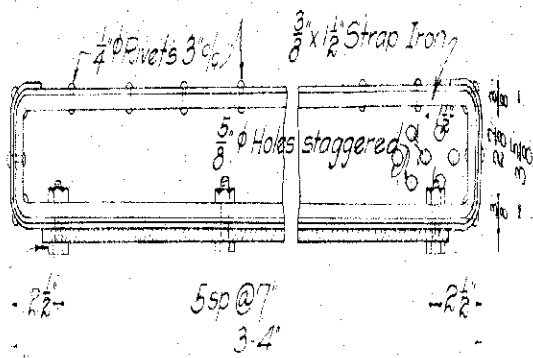
SECTION Z-Z
G.I. MANHOLE STEPS
Scale 3"=1'-0"

For location of Fish Screens
see Dwg C-7340

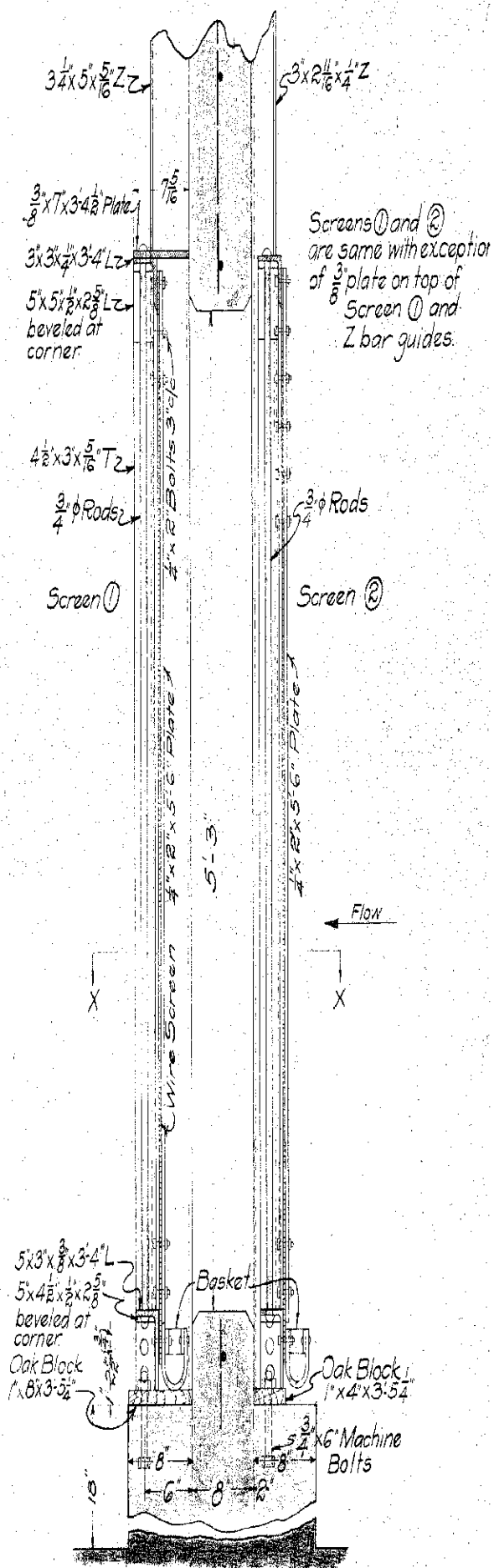
| | | |
|------------------------------|------|---------------------|
| CHICOPEE, MASS | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| MISCELLANEOUS DETAILS | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: -AS SHOWN | | DATE: JULY 29, 1926 |
| DRE.H.A. | REV. | REV. |
| TR.J.SP.-M.A.K. | REV. | REV. |
| CH.C.E.P.-M.G.M. | REV. | REV. |
| SHEET 11 OF 11 | | C-7341 |



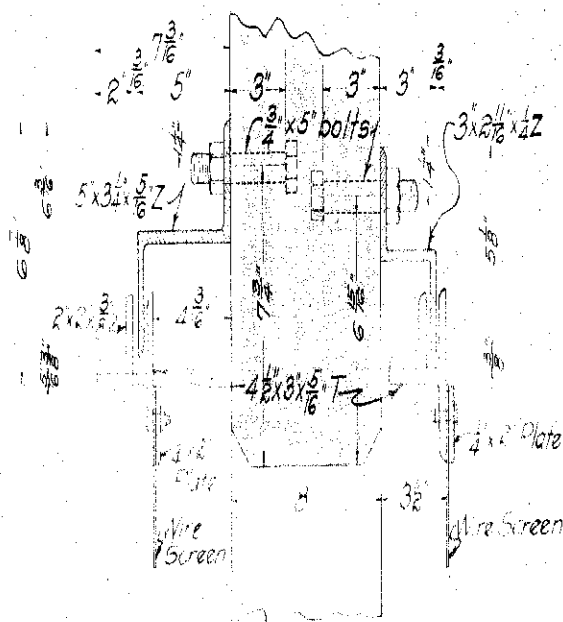
ELEVATION OF SCREEN ①
Scale: $1\frac{1}{2}" = 1'-0"$



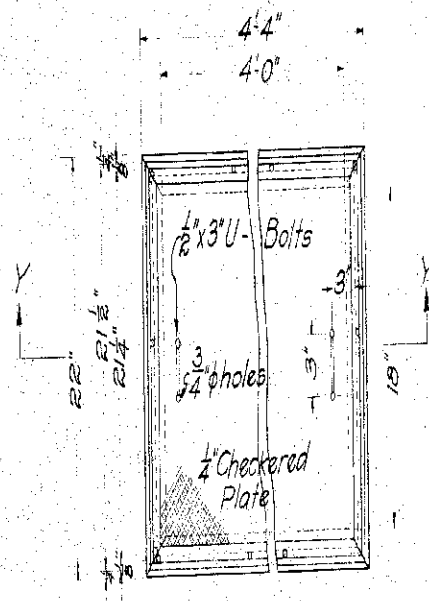
CLAYTON BARKER
Score 3: -0



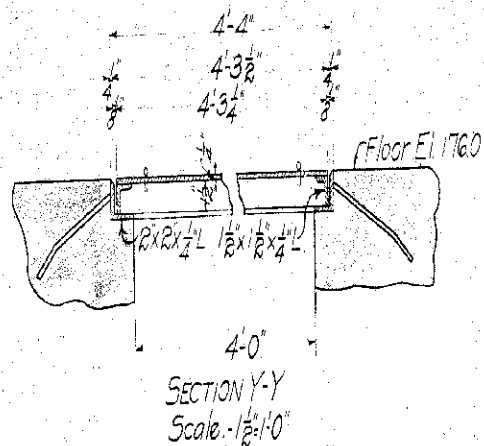
SECTION W-W THROUGH
SCREENS
Scale: 1/2" = 1'-0"



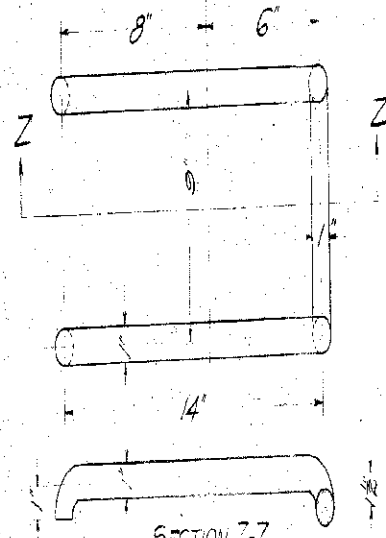
SECTIONAL PLAT X-X
Scale: 3" = 1'



PLAN OF FISH SCREEN FLOOR
OPENING FRAME AND COVER
2 Required
Scale: 1/2"=1'-0"



SECTION Y-Y
Scale. - $1\frac{1}{2}'' = 1'-0''$



SECTION Z-Z
GI MANHOLE STEPS
Scale 3"=0'

CHICOPEE, MASS.
BOARD OF WATER COMMISSIONERS
COOLEY BROOK
IMPOUNDING DAM AND RESERVOIR
MISCELLANEOUS DETAILS
MORRIS KNOWLES
INCORPORATED
ENGINEERS
PITTSBURGH PA. CLEVELAND OHIO
SCALE: AS SHOWN DATE JULY 29, 1926
DREHA REV.
TRJSP-WAX REV.
CHICER-MGM REV.
SHEET 11 OF 11 C-7341

Plan Original Book and Page: ch16049

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

Plan Original Book and Page: ch16050

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |



CITY OF CHICOPEE, MASSACHUSETTS.

BOARD OF WATER COMMISSIONERS.

PLANS FOR

IMPOUNDING DAM AND RESERVOIR.

1926

MORRIS KNOWLES INC., ENGINEERS.

PITTSBURGH, PA. CLEVELAND, OHIO.

Approved, September 8, 1926
James A. Lynch County Commissioner
John W. Hallett of the County of Hampden
Charles H. Tracy

Commonwealth of Massachusetts.
 Filed, September 8, 1926
 Attest: *Marshall B. Sullivan* Clerk

Approved By
 Board Of Water Commissioners

William H. Hallett Chairman
Charles H. Tracy Secretary
John W. Hallett Treasurer

William H. Hallett Mayor
John F. Hallett Superintendent Water Department

July 29, 1926

COUNTY COMMISSIONERS
 RECORD BOOK # 19
 PAGE # 149

See County
 Commissioners
 Book 19 Page 149

Plan Original Book and Page: ch16051

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
General Location Plan-
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

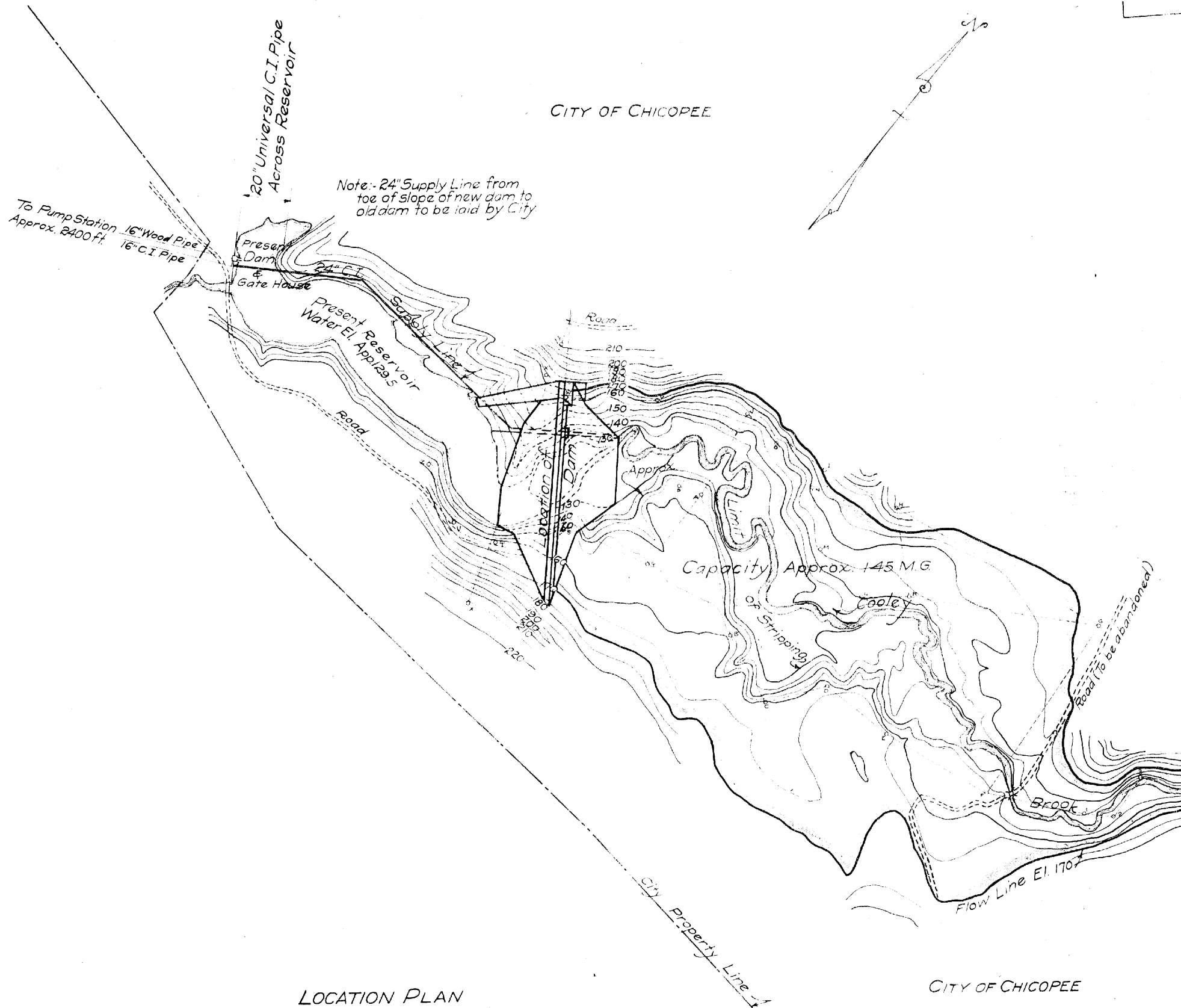
Plan Original Book and Page: ch16052

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
General Location Plan-
Supplementary Plan**

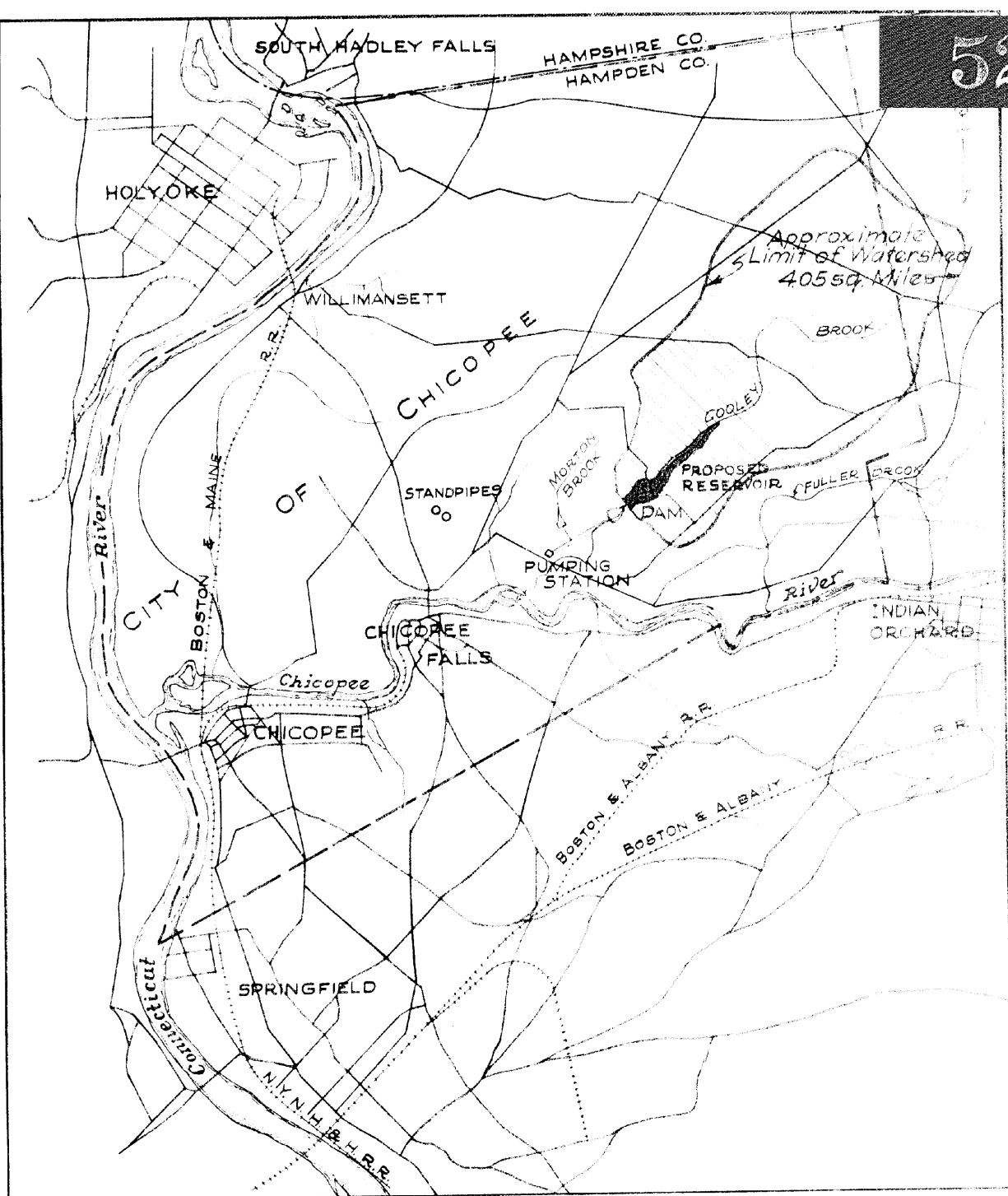
| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |



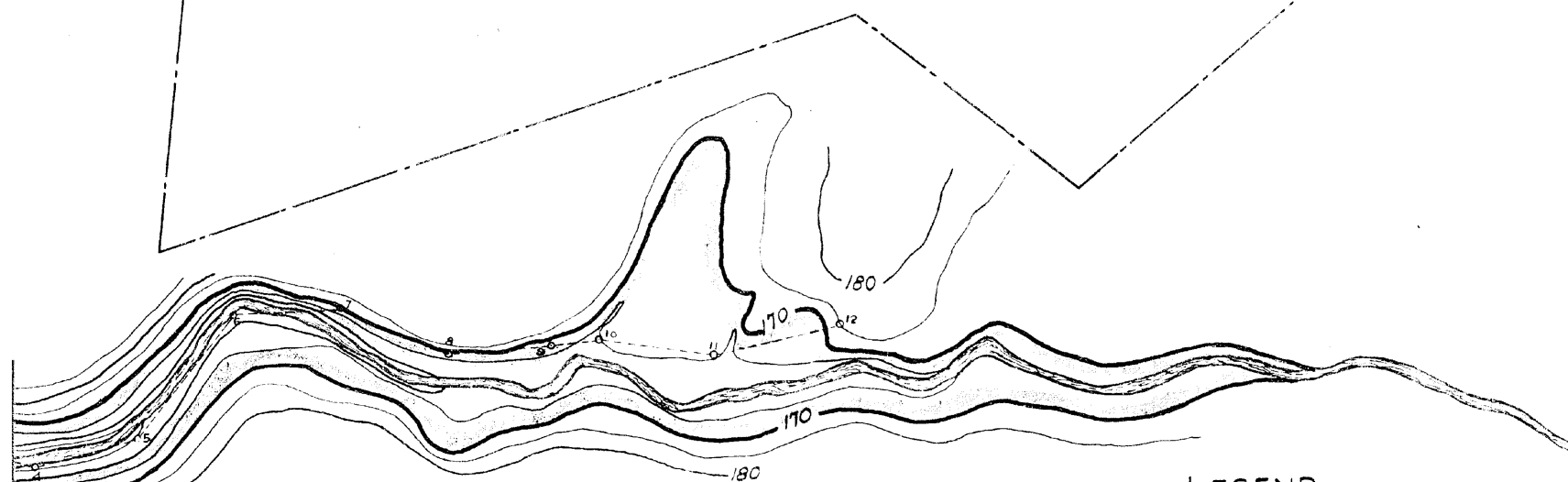


LOCATION PLAN
OF
IMPOUNDING DAM AND
RESERVOIR
Scale: 1"=200'

CITY OF CHICOPEE



KEY MAP
SCALE: 1" = 5208'



LEGEND

KEY MAP

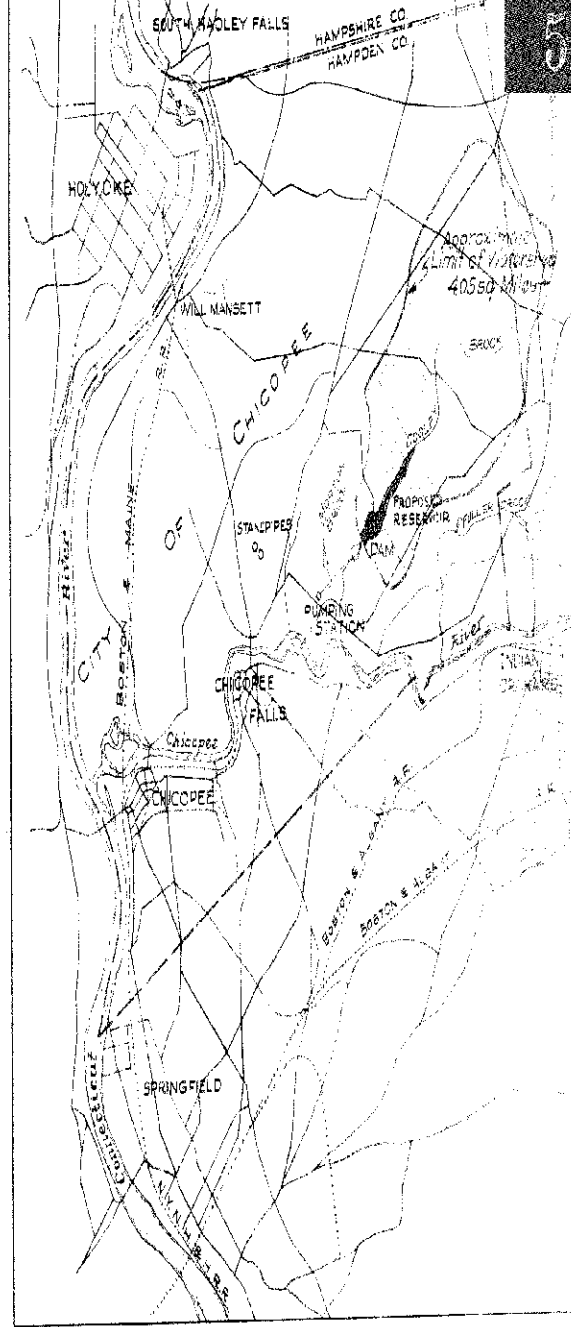
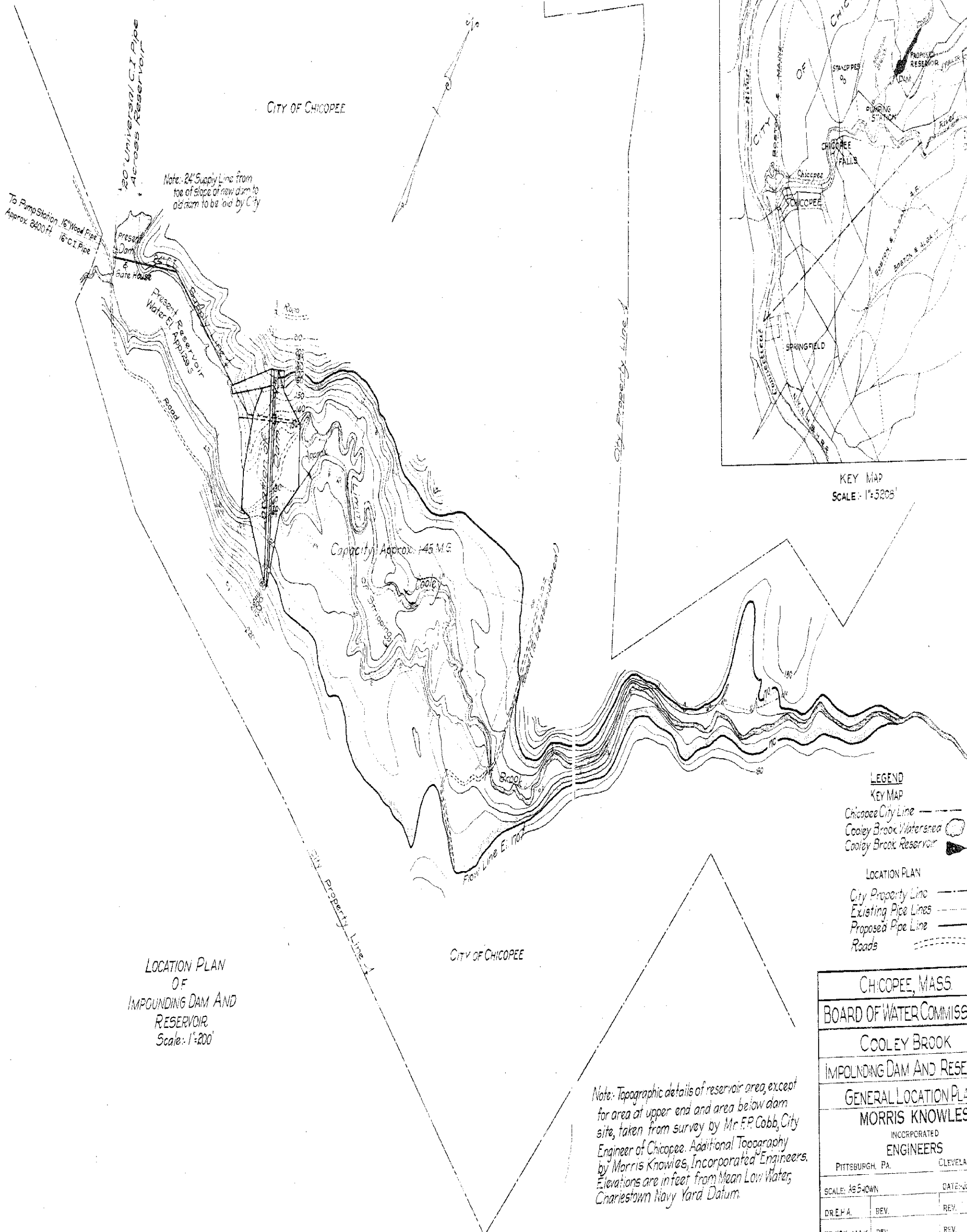
Chicopee City Line ————
Cooley Brook Watershed ————
Cooley Brook Reservoir ————

LOCATION PLAN

City Property Line ————
Existing Pipe Lines ————
Proposed Pipe Line ————
Roads ————

Note: Topographic details of reservoir area, except for area at upper end and area below dam site, taken from survey by Mr. F.P. Cobb, City Engineer of Chicopee. Additional Topography by Morris Knowles, Incorporated Engineers. Elevations are in feet from Mean Low Water, Charlestown Navy Yard Datum.

| CHICOPEE, MASS. | | |
|------------------------------|------|----------------------|
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| GENERAL LOCATION PLAN | | |
| MORRIS KNOWLES | | |
| INCORPORATED ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: AS SHOWN | | DATE: JULY 29, 1926. |
| DR.E.H.A. | REV. | REV. |
| TR.WCK.M.A.K. | REV. | REV. |
| CH.C.E.P.M.G.M. | REV. | REV. |
| SHEET 2 OF 11 | | C-7332 |



KEY MAP
SCALE: 1"=5200'

- LEGEND**
- KEY MAP**
- Chicopee City Line ———
 - Cooley Brook Watershed [shaded area]
 - Cooley Brook Reservoir [blue area]
- LOCATION PLAN**
- City Property Line ———
 - Existing Pipe Lines - - - - -
 - Proposed Pipe Line ———
 - Roads [dashed line]

LOCATION PLAN
OF
IMPOUNDING DAM AND
RESERVOIR
Scale: 1"=200'

Note: Topographic details of reservoir area, except for area at upper end and area below dam site, taken from survey by Mr. F.P. Cobb, City Engineer of Chicopee. Additional Topography by Morris Knowles, Incorporated Engineers. Elevations are in feet from Mean Low Water, Charlestown Navy Yard Datum.

| | | |
|------------------------------|---------------------|-----------------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| GENERAL LOCATION PLAN | | |
| MORRIS KNOWLES | | |
| INCORPORATED ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: AS SHOWN | DATE: JULY 23, 1926 | |
| D.R.E.A. | REV. | REV. |
| TRUCK-MAK | REV. | REV. |
| CHICPE-MGM | REV. | REV. |
| SHEET 2 | OF 11 | C-7332 |

Plan Original Book and Page: ch16053

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Plan
& Profile of Impounding Dam -
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

Plan Original Book and Page: ch16054

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Plan
& Profile of Impounding Dam -
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |

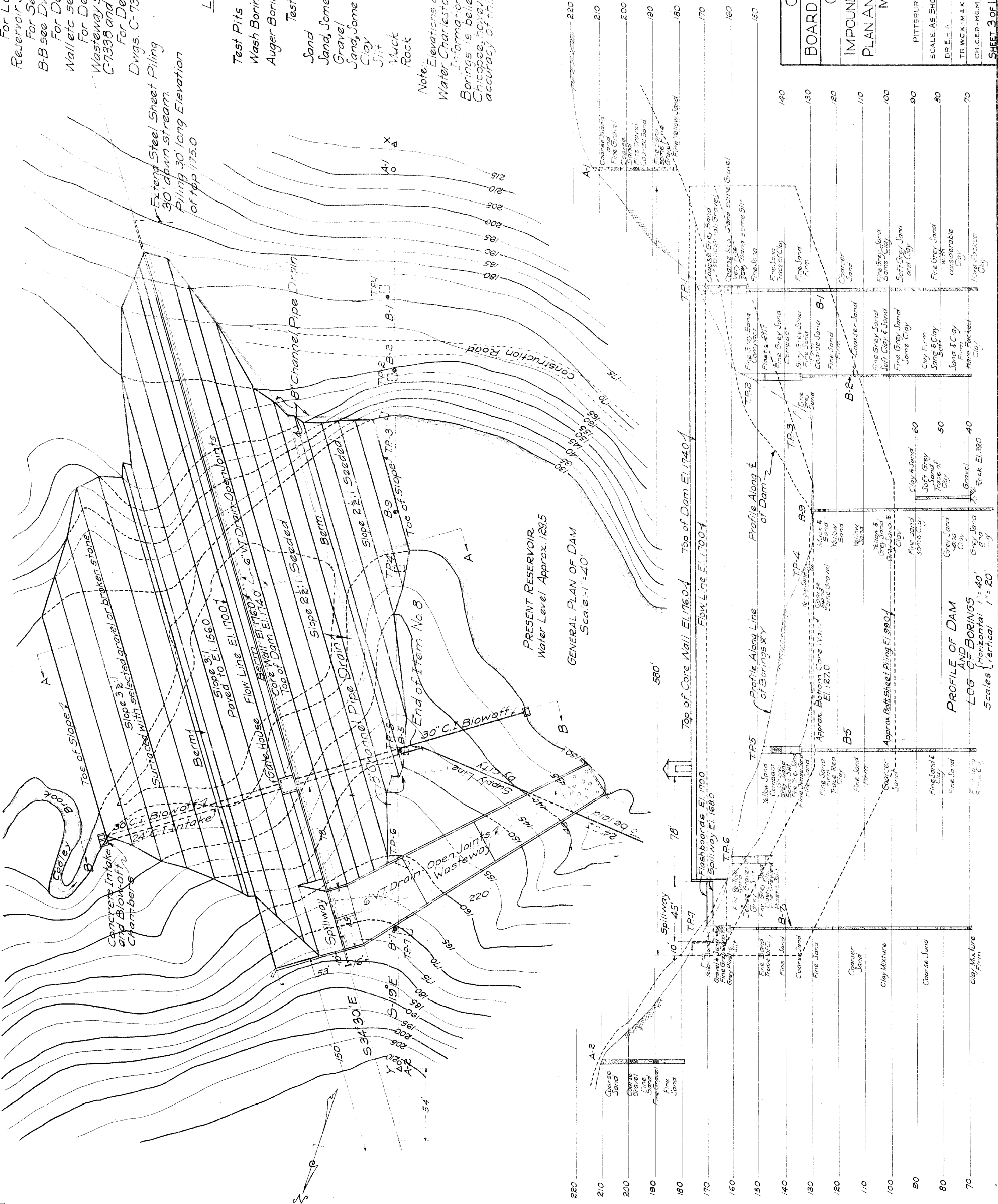


Note:-
For Location Plan of Dam and Reservoir see Dwg C-7332
For Sections A-A and B-B see Dwg C-7334
For Details of Slope Paving Core Wall etc see Dwg C-7335
For Details of Spillway and Wasteway see Dwg. C-7336, C-7337, C-7338 and C-7339
For Details of Gate House see Dwg. C-7340 and C-7341.

LEGEND

- Test Pits
- Wash Borings (Dry Samples)
- Auger Borings
- Test Pits and Borings
- Sand
- Sand, Some Gravel
- Gravel
- Sand, Some Clay
- Clay
- Silt
- Muck
- Rock

Note: Elevations are in feet from Mean Low Water Charleston Navy Yard Datum. Information shown by Test Pits and Borings is believed to be correct. The City of Chicago, however, does not guarantee the accuracy of this information.



Plan Original Book and Page: ch16055

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Sections of Impounding Dam -
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

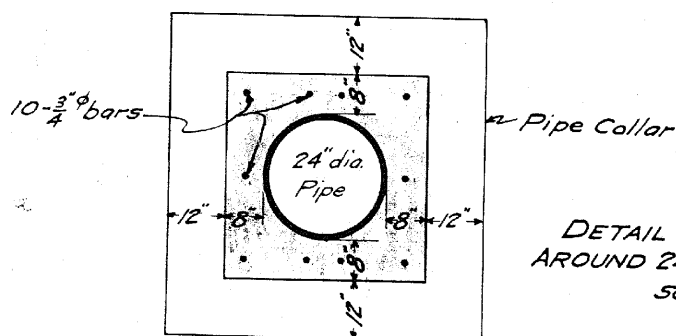
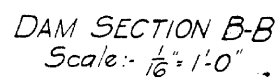
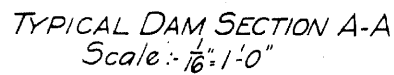
Plan Original Book and Page: ch16056

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Sections of Impounding Dam -
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |



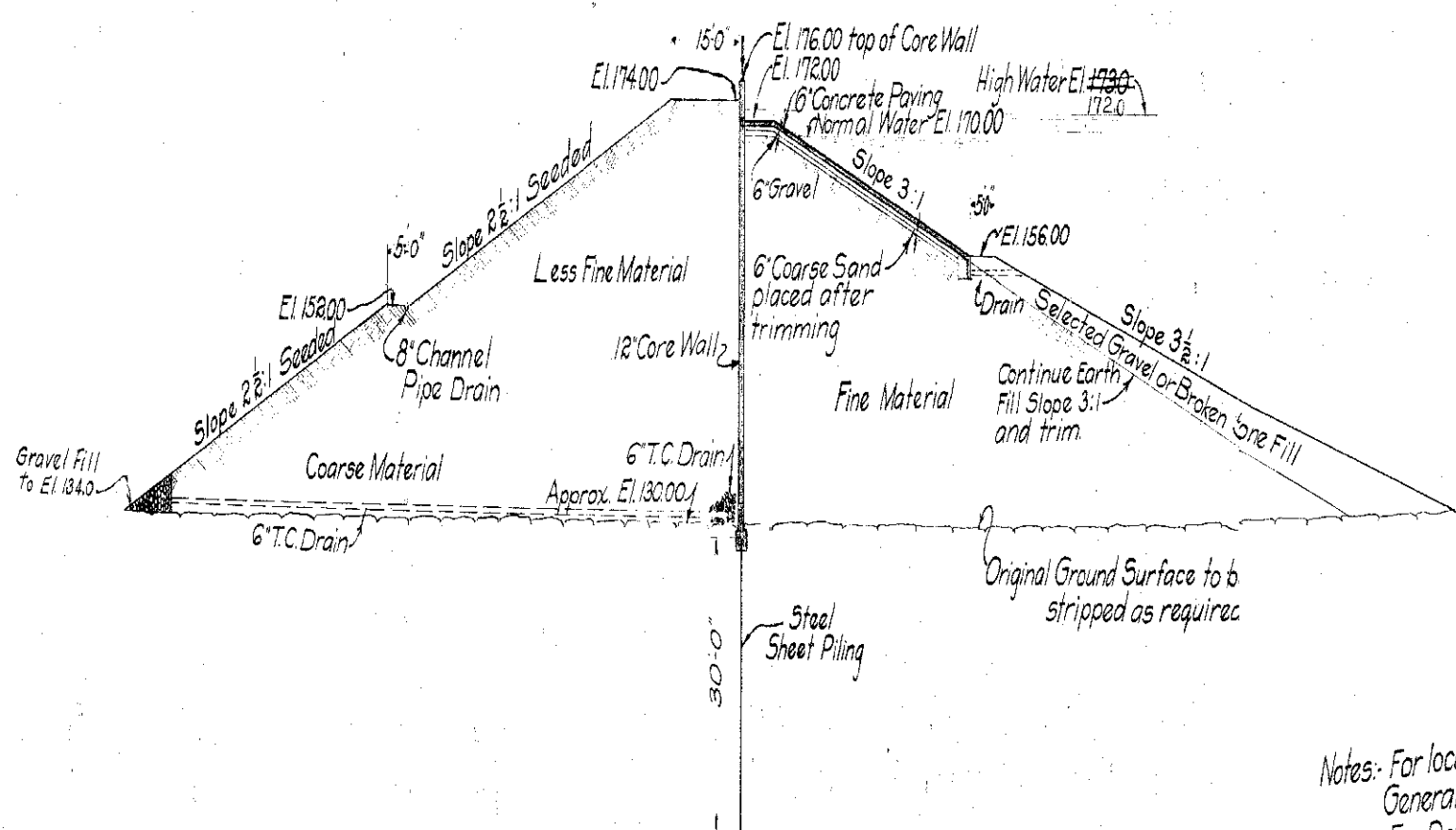


Stone Fill

Notes:- For location of Sections A-A and B-B and
 General Plan of Dam see Dwg. C-7333
 For Details of Core Wall, Slope Paving,
 Inlets, etc. see Dwg. C-7335
 For Details of Gate House see
 Dwg. C-7340
 For Details of Spillway and Wasteway
 see Dwg. C-7336, C-7337, C-7338 and
 C-7339.

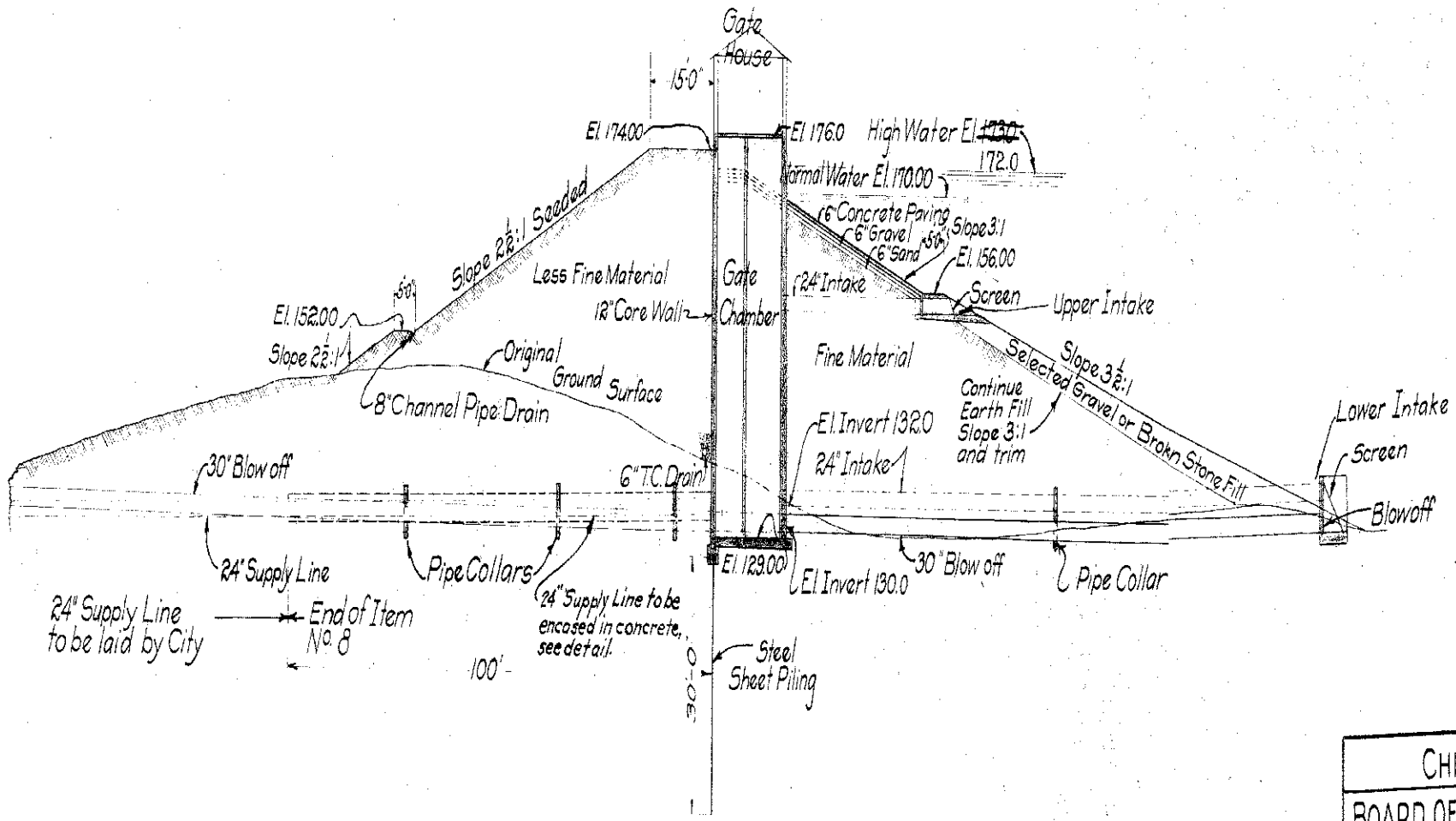
Lower Intake
 Screen
 Blowoff
 Stone Fill

| | | |
|------------------------------|---------------------|---------------------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| SECTIONS OF IMPOUNDING DAM | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: AS SHOWN | | DATE: JULY 29, 1926 |
| DR. J. J. W. | REV. 8/23/26 E.H.A. | REV. |
| TR. J. J. W. M.A.K. | REV. 9-4-26 E.H.A. | REV. |
| CH. E.H.A. M.G.M. | REV. | REV. |
| SHEET 4 OF 11. | | C-7334 |

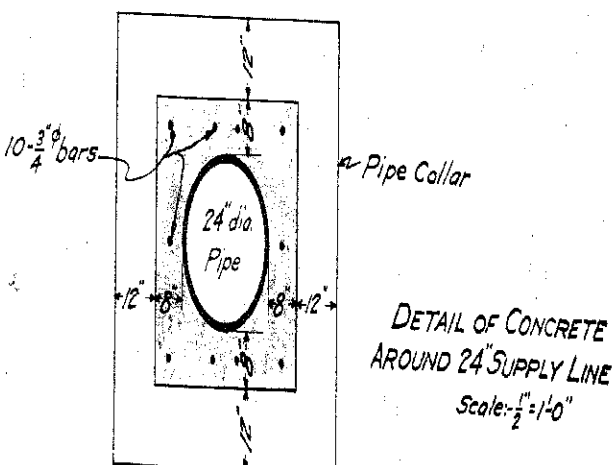


TYPICAL DAM SECTION A-A
Scale: 1/16" = 1'-0"

Notes: For location of Sections A-A and B-B and General Plan of Dam see Dwg. C-7333
For Details of Core Wall, Slope Paving, Inlets, etc. see Dwg. C-7335
For Details of Gate House see Dwg. C-7340
For Details of Spillway and Wasteway see Dwgs. C-7336, C-7337, C-7338 and C-7339



DAM SECTION B-B
Scale: 1/16" = 1'-0"



| | | |
|------------------------------|---------------------|---------------------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| SECTIONS OF IMPOUNDING DAM | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: AS SHOWN | | DATE: JULY 29, 1926 |
| DR. J. J. W. | REV. 8/23/26 E.H.A. | REV. |
| TR. J. J. W. & M.A.K. | REV. 8-4-26 E.H.A. | REV. |
| CH. E.H.A. & M.S.M. | REV. | REV. |
| SHEET 4 OF 11 | | C-7334 |

Plan Original Book and Page: ch16057

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -Misc
Details -
Supplementary Plan**

| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |



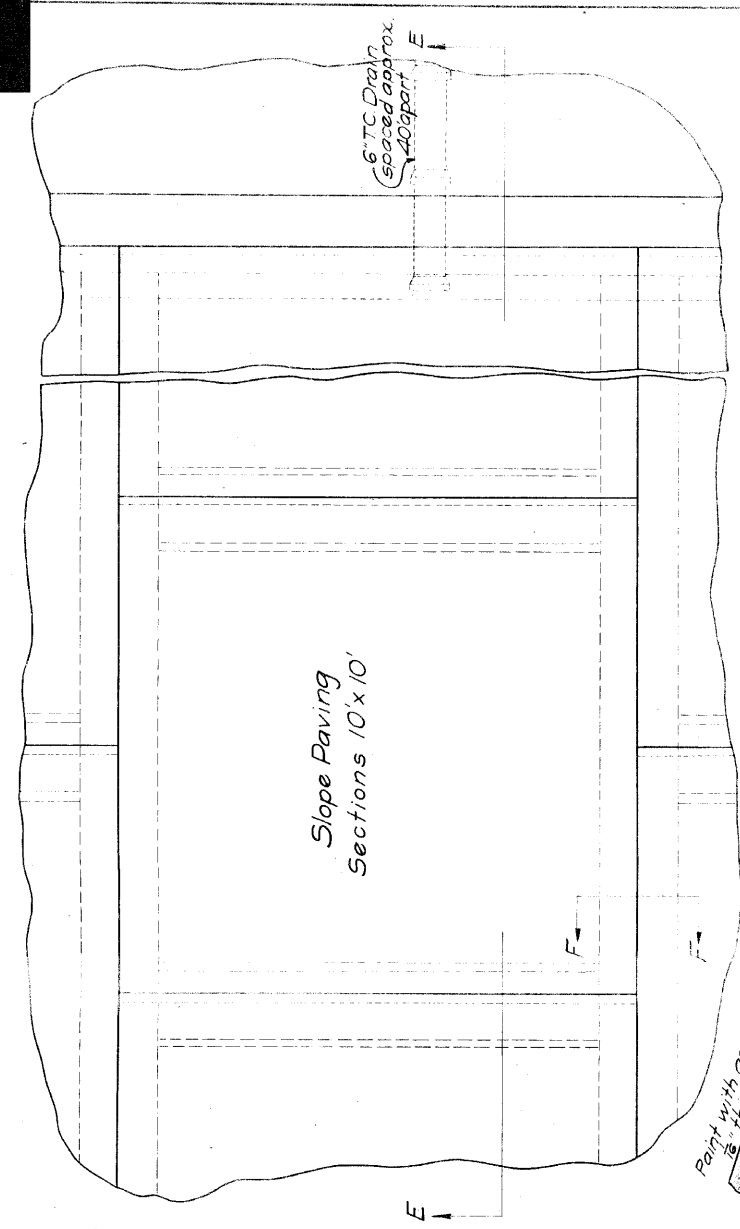
Plan Original Book and Page: ch16058

Name of specific Plan:

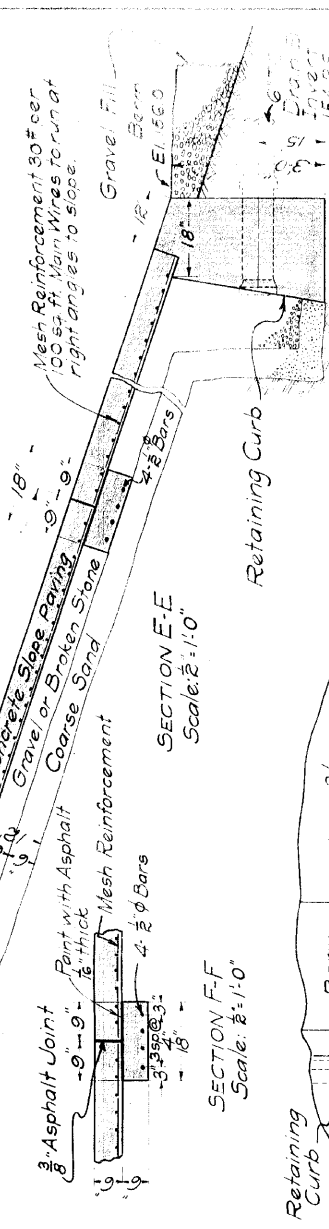
**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Misc
Details-
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |

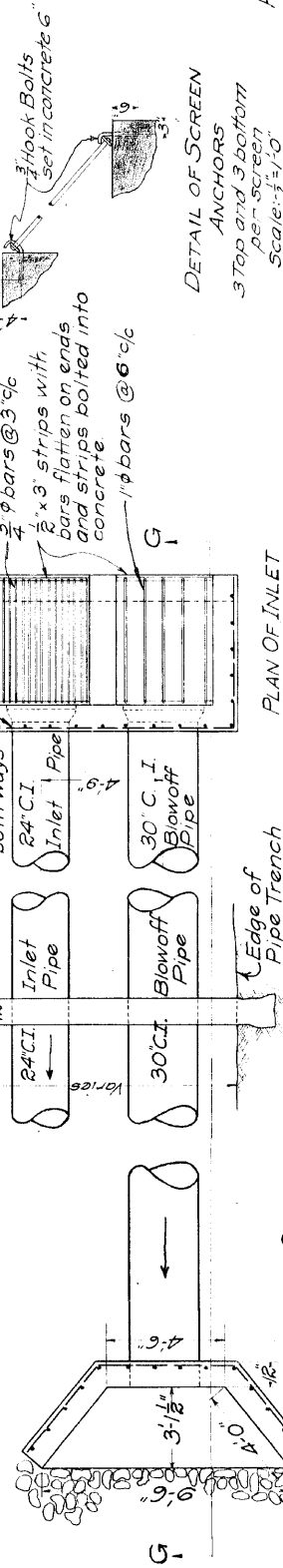




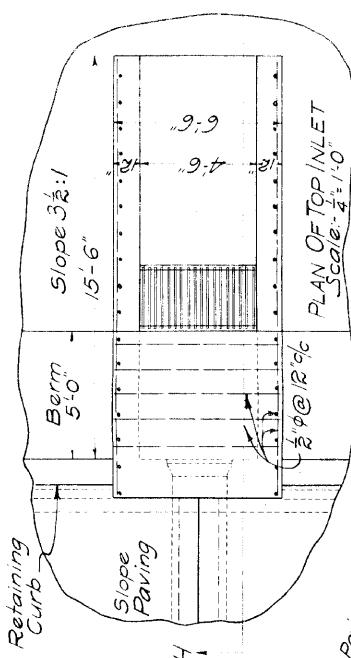
PLAN OF SLOPE PAVING
Scale:- $\frac{1}{2}'' = 1'-0''$



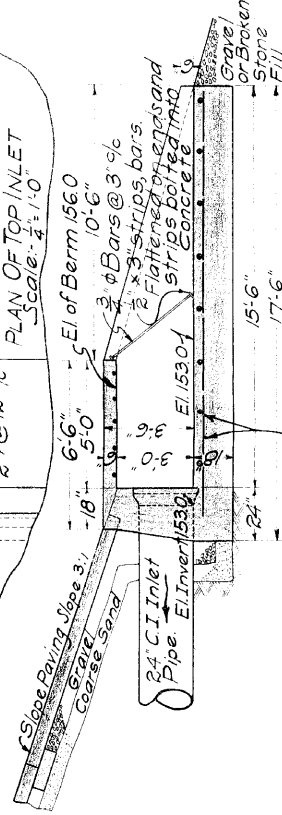
SECTION E-E
Scale: $\frac{1}{2}'' = 1'-0''$



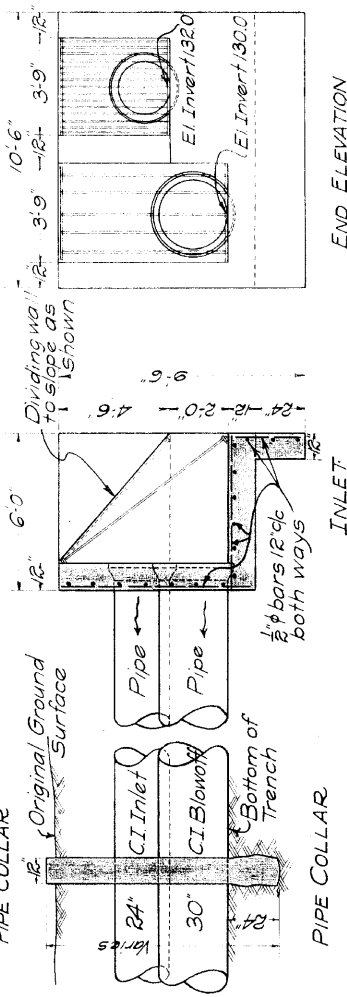
PLAN OF
BLOWOFF OUTLET



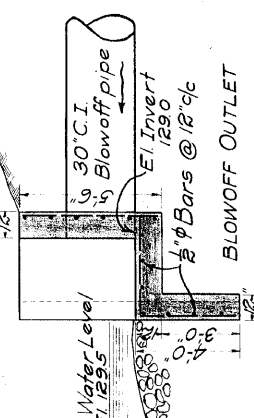
PLAN OF TOP/NLET
Scale:- $\frac{1}{4} = 1.0''$



SECTION H-H.



END ELEVATION



BLOWOFF OUTLET

SECTION G-G
SHOWING BLOWOFF AND LOWER INLET
PIPES
Scale: $\frac{1}{4}'' = 1'-0''$

Scale: $\frac{1}{4}'' = 1'-0''$

Notes:- For General Plan and Profile of Dam see Dwg C-7333.
For Sections of Dam see Dwg C-7334.
For Detail Slope Paving near Spillway see Dwg C-7339.
All horizontal and inclined reinforcing steel shall not be continuous through expansion joints.

CHICOPEE, MASS.

BOARD OF WATER COMMISSIONERS

COOLEY BROOK

IMPOUNDING DAM AND RESERVOIR

MISCELLANEOUS DETAILS OF DAM

MORRIS KNOWLES

INCORPORATED
FACILITATED

ENGINEERS
PITTSBURGH, PA. CLEVELAND, OHIO

SCALE:- AS SHOWN

| | | |
|------------------|------|------|
| DR.E.H.A.-J.S.P. | REV. | REV. |
|------------------|------|------|

| | | |
|-----------------|------|------|
| TR.JSP - M.A.K. | REV. | REV. |
|-----------------|------|------|

| | | |
|---------------------|------|------|
| CH. E. H. A. - MGM. | REV. | REV. |
|---------------------|------|------|

SHEET 5 OF 11 C-7335

Plan Original Book and Page: ch16059

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Plan
& Profile of Wasteway
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

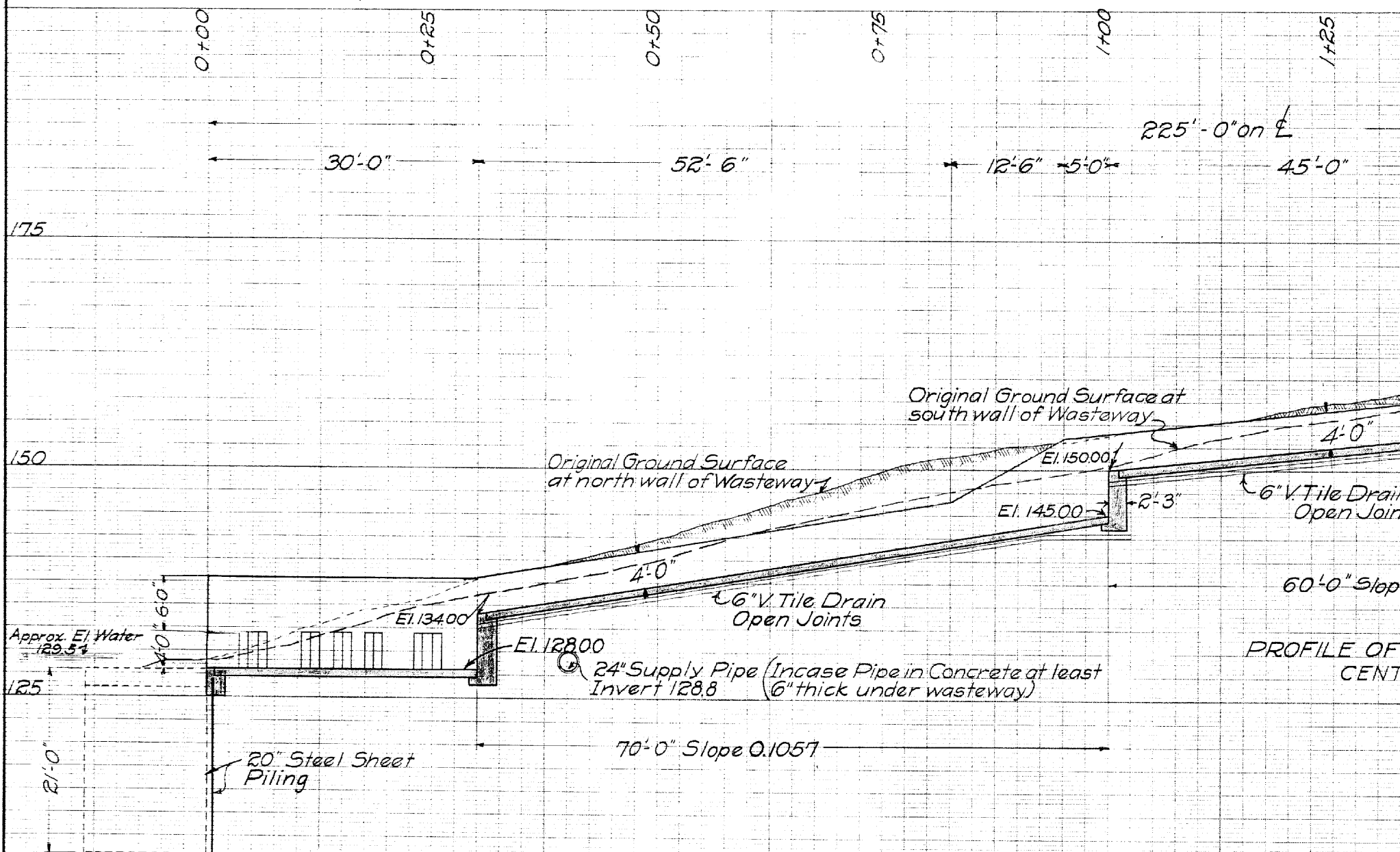
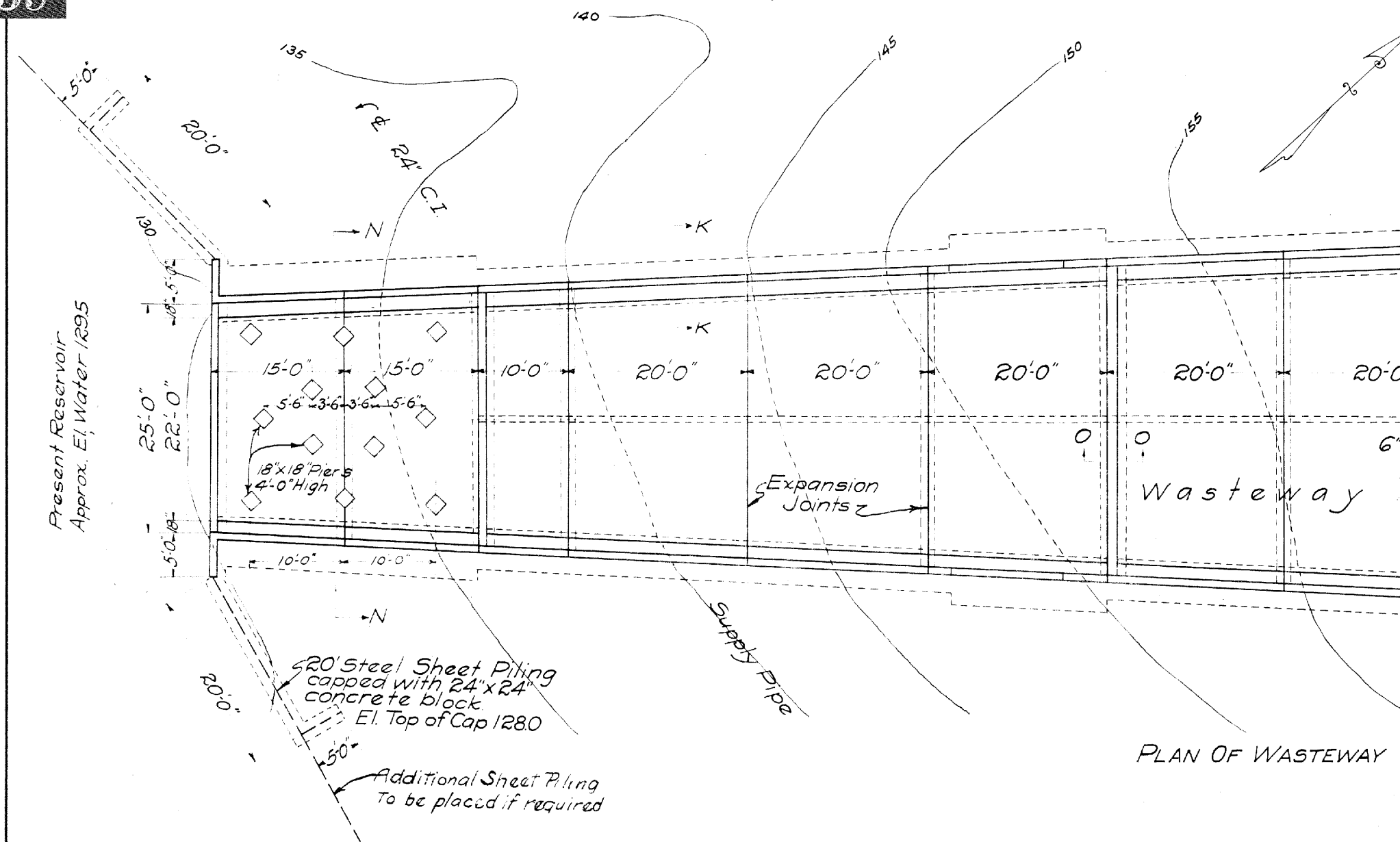
Plan Original Book and Page: ch16060

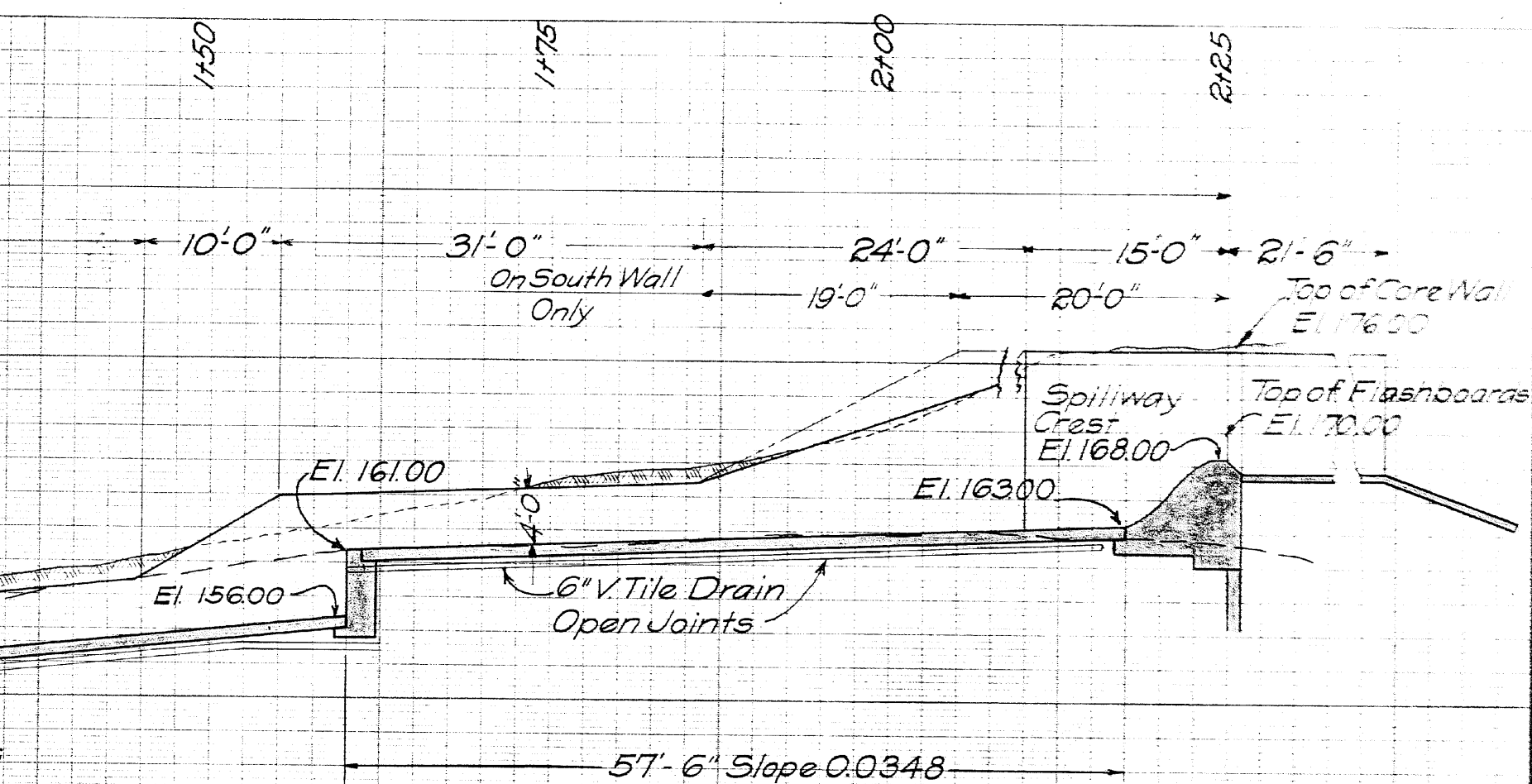
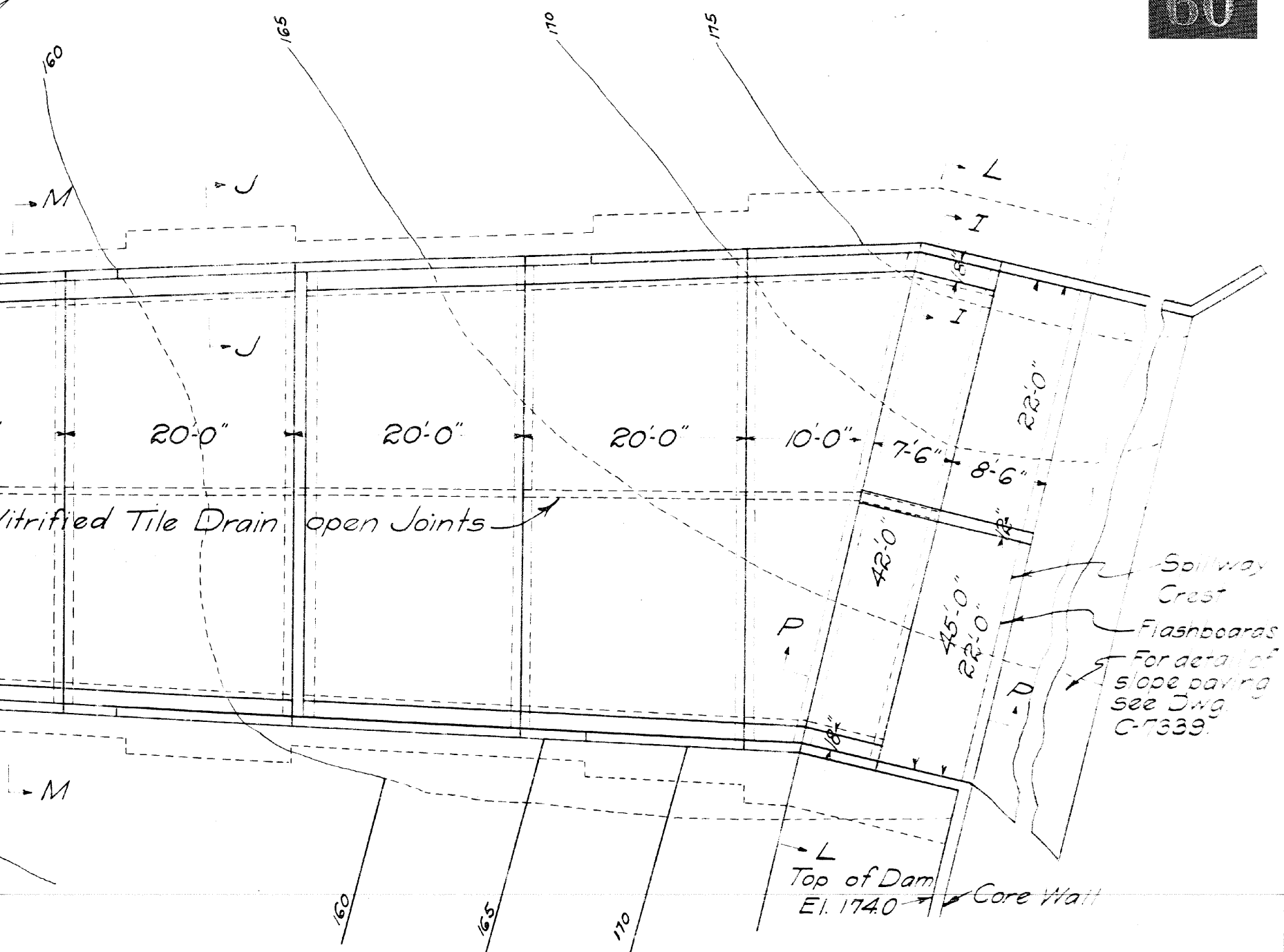
Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Plan
& Profile of Wasteway
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |





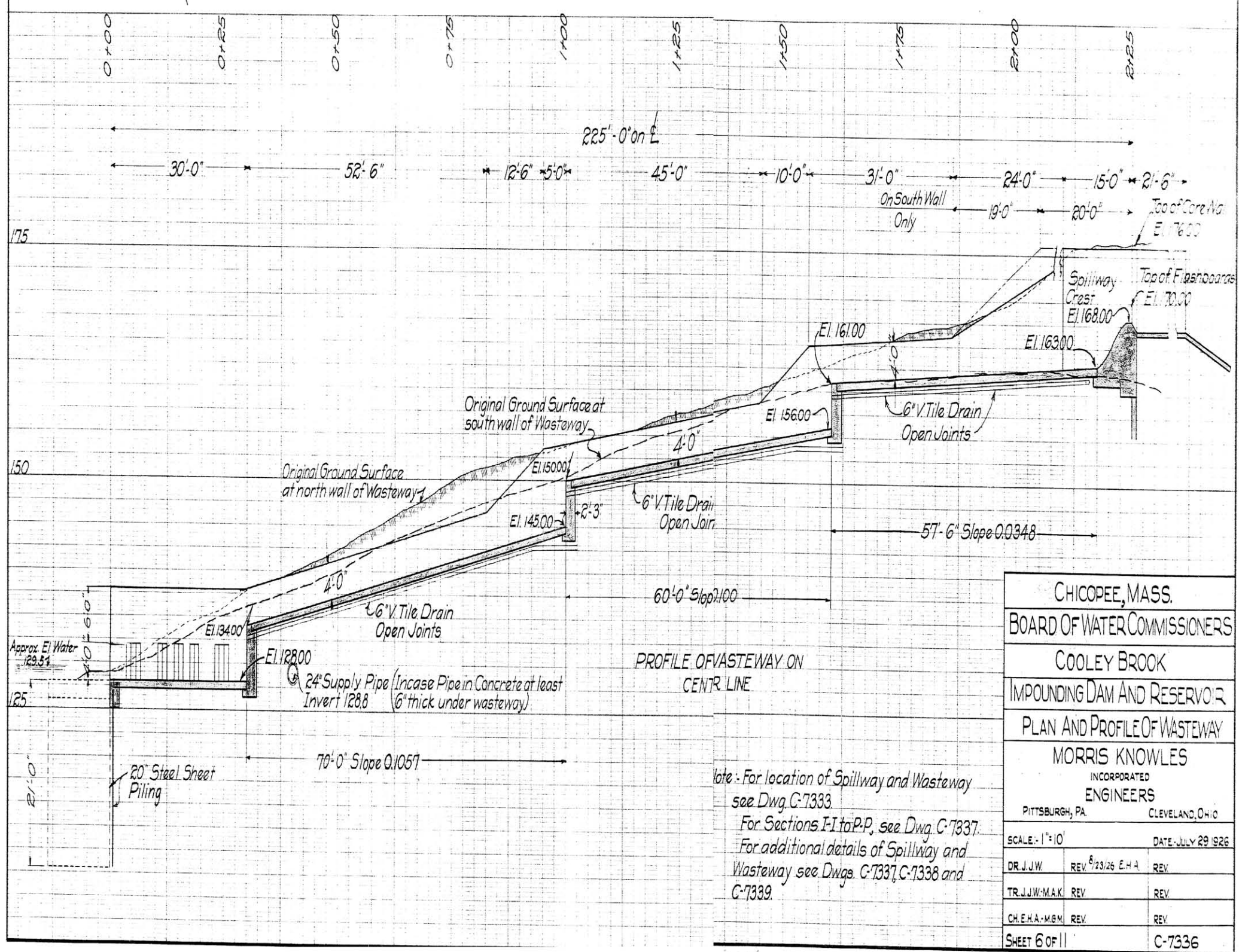
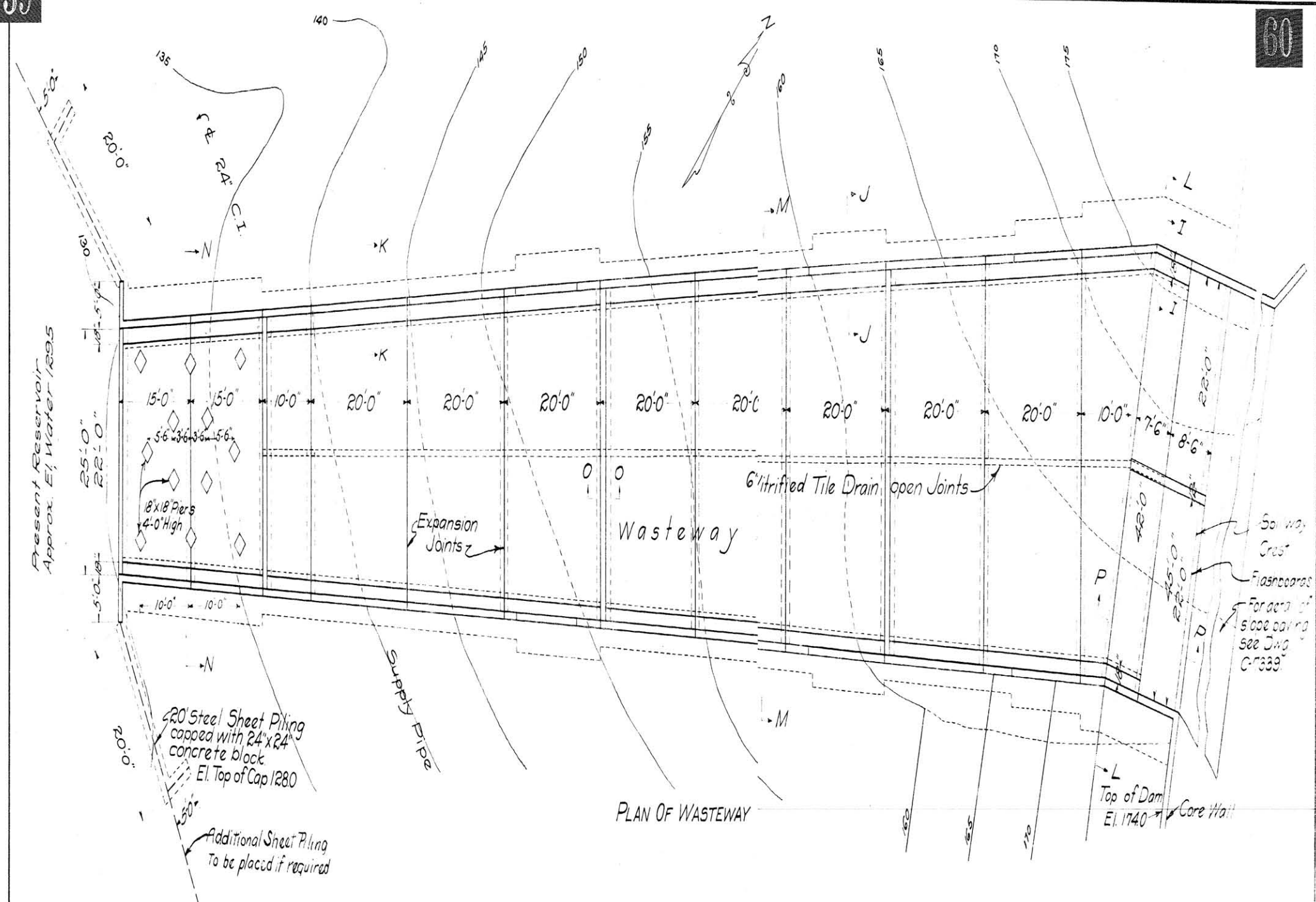


WASTEWAY ON
R LINE

Note: For location of Spillway and Wasteway
see Dwg. C-7333.

For Sections I-I to P-P, see Dwg. C-7337.
For additional details of Spillway and
Wasteway see Dwgs. C-7337, C-7338 and
C-7339.

| | | |
|------------------------------|-----------------------|--------------------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| PLAN AND PROFILE OF WASTEWAY | | |
| MORRIS KNOWLES | | |
| INCORPORATED
ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: 1" = 10' | | DATE: JULY 29 1926 |
| DR. J. J. W. | REV. 8/23/26 E. H. A. | REV. |
| TR. J. J. W. - M. A. K. | REV. | REV. |
| CH. E. H. A. - M. G. M. | REV. | REV. |
| SHEET 6 OF 11 | | C-7336 |



| | | |
|------------------------------|---------------------|-----------------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| PLAN AND PROFILE OF WASTEWAY | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: 1"=10' | DATE: JULY 29 1926 | |
| DR. J. J. W. | REV. 8/23/26 E.H.A. | REV. |
| TR. J. J. W.-M.A.K. | REV. | REV. |
| CH. E. H. A.-M.G.M. | REV. | REV. |
| SHEET 6 OF 11 | C-7336 | |

Plan Original Book and Page: ch16061

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Wasteway
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

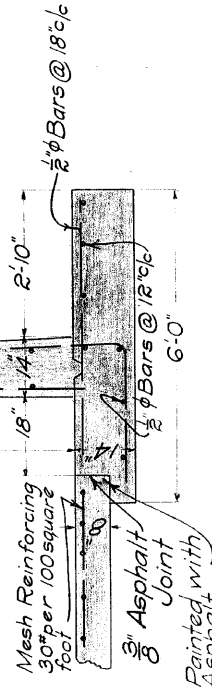
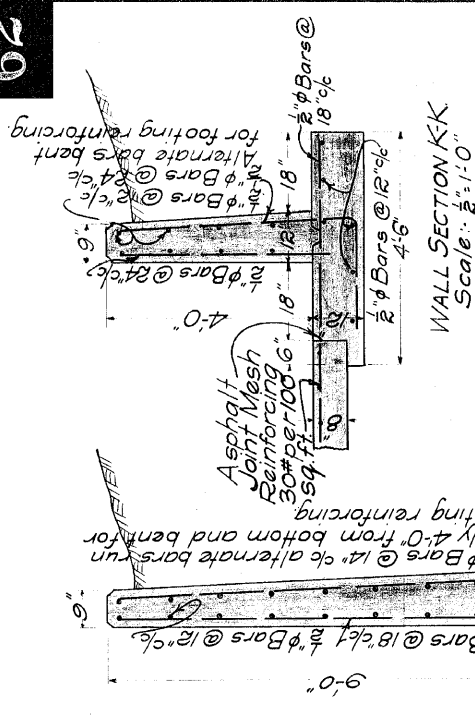
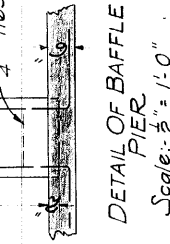
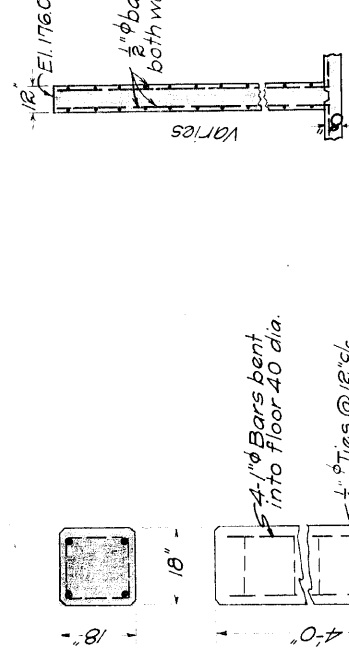
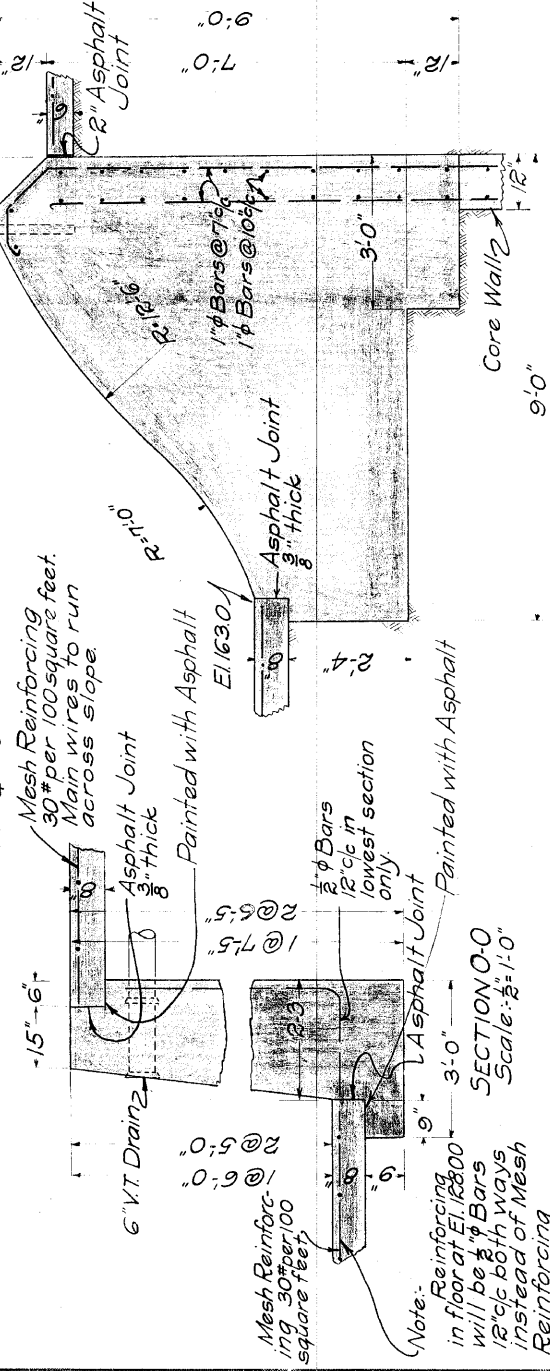
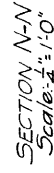
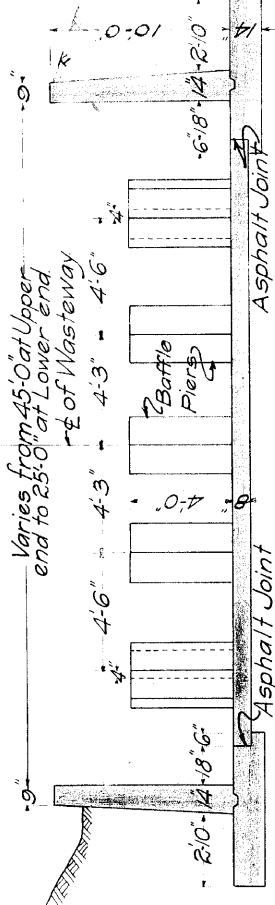
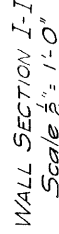
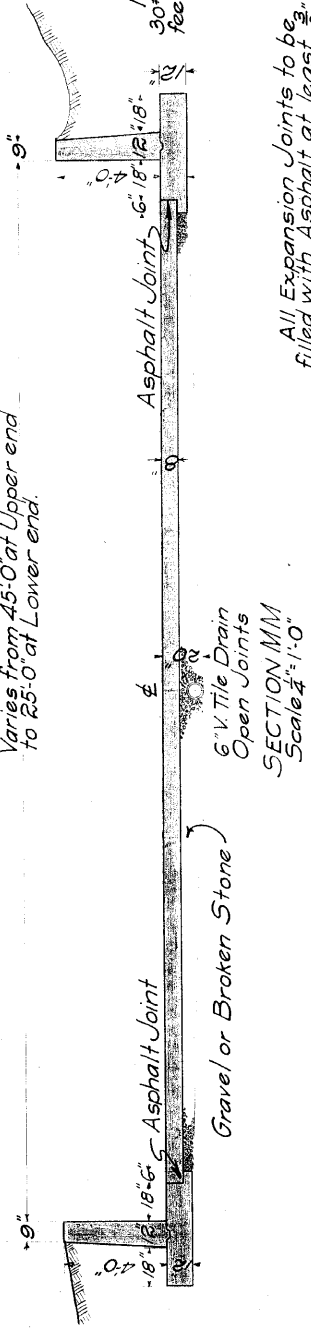
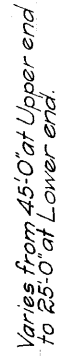
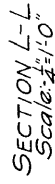
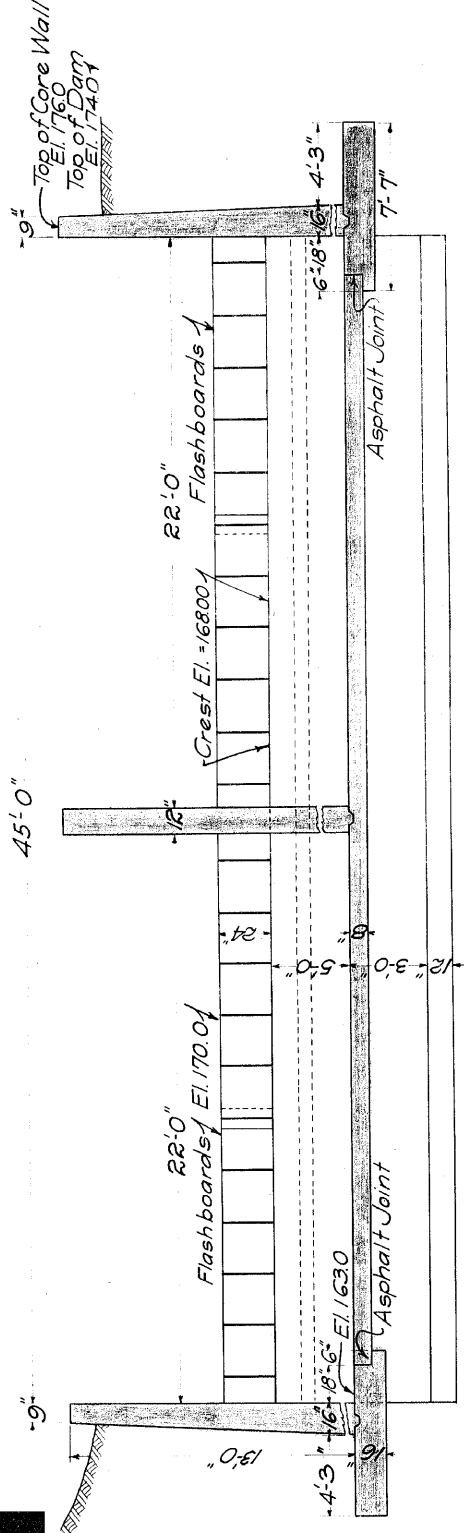
Plan Original Book and Page: ch16062

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Wasteway
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |





*Note:- For location of Sections I-I to P-P see Dwg C-7336.
For additional Details of Spillway and Wasteway see Dwgs. C-7338 and C-7339.*

| | | | |
|---|--|---------------------|--------------------|
| CHICOPEE, MASS. | | DATE: JULY 29, 1926 | |
| BOARD OF WATER COMMISSIONERS | | SCALE: AS SHOWN | REV. <i>E.H.A.</i> |
| COOLEY BROOK | | DR. J.J.W. | REV. <i>E.H.A.</i> |
| IMPOUNDING DAM AND RESERVOIR | | TR. J.J.W.-MAK. | REV. |
| DETAIL OF WASTEWAY | | CH. E.H.A.-N&M | REV. |
| MORRIS KNOWLES
INCORPORATED
ENGINEERS | | C-7337 | |
| PITTSBURGH, PA. | | SHEET 7 of 11 | |
| CLEVELAND, OHIO | | | |

Plan Original Book and Page: ch16063

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Flashboards
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

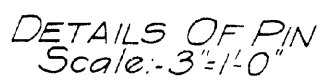
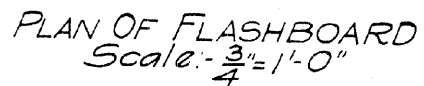
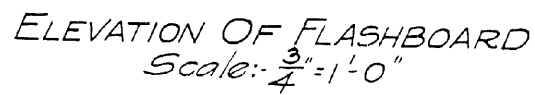
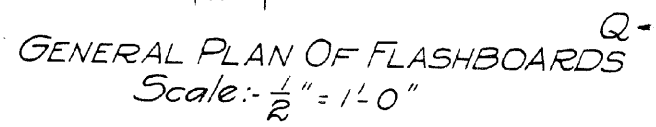
Plan Original Book and Page: ch16064

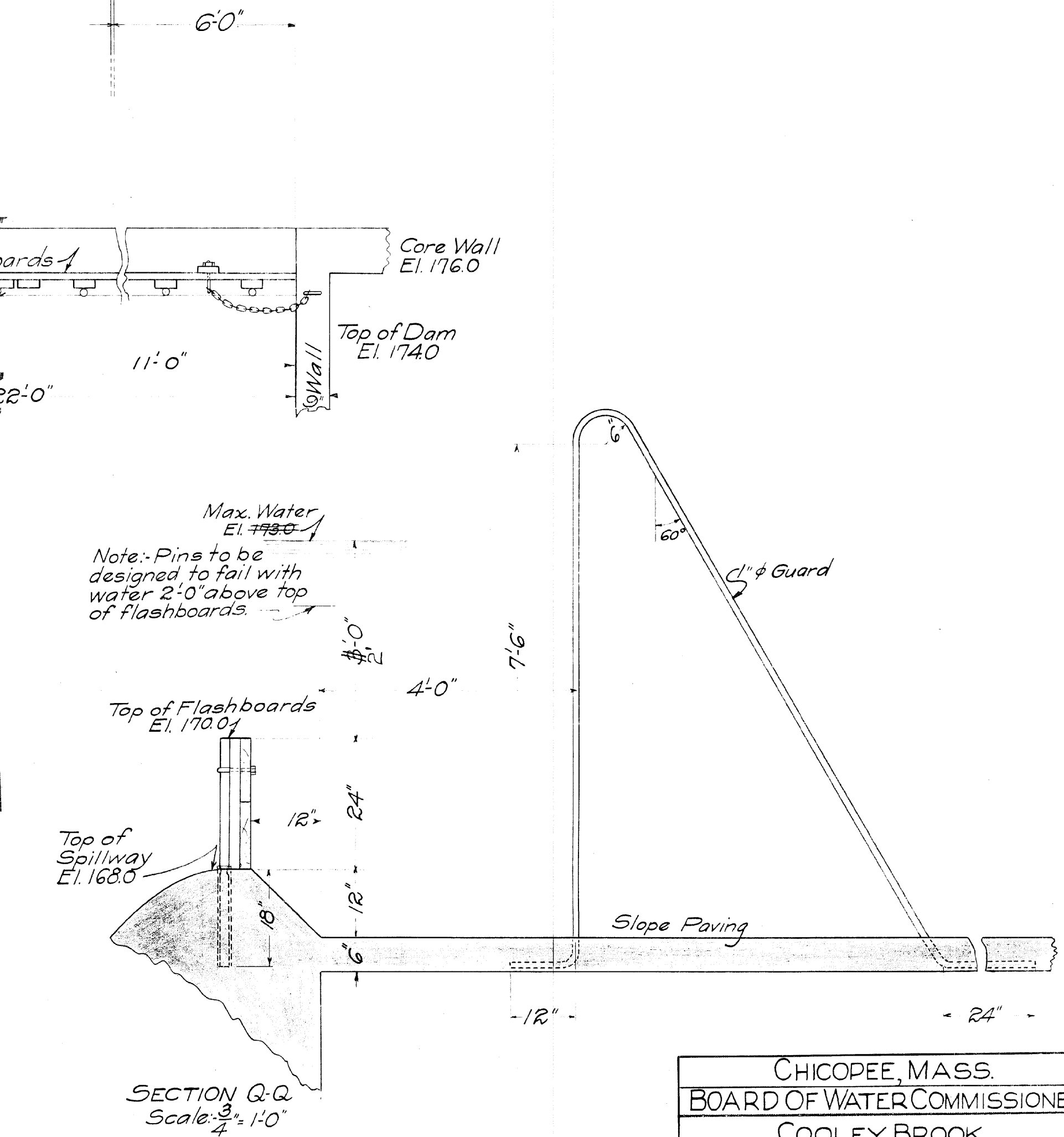
Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Details of Flashboards -
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |

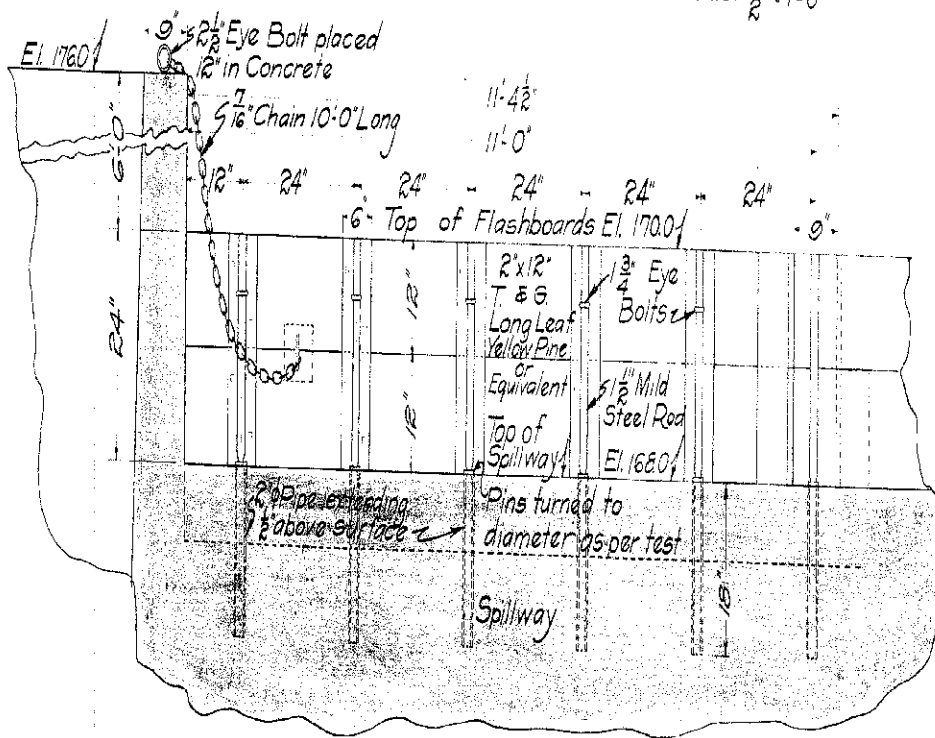
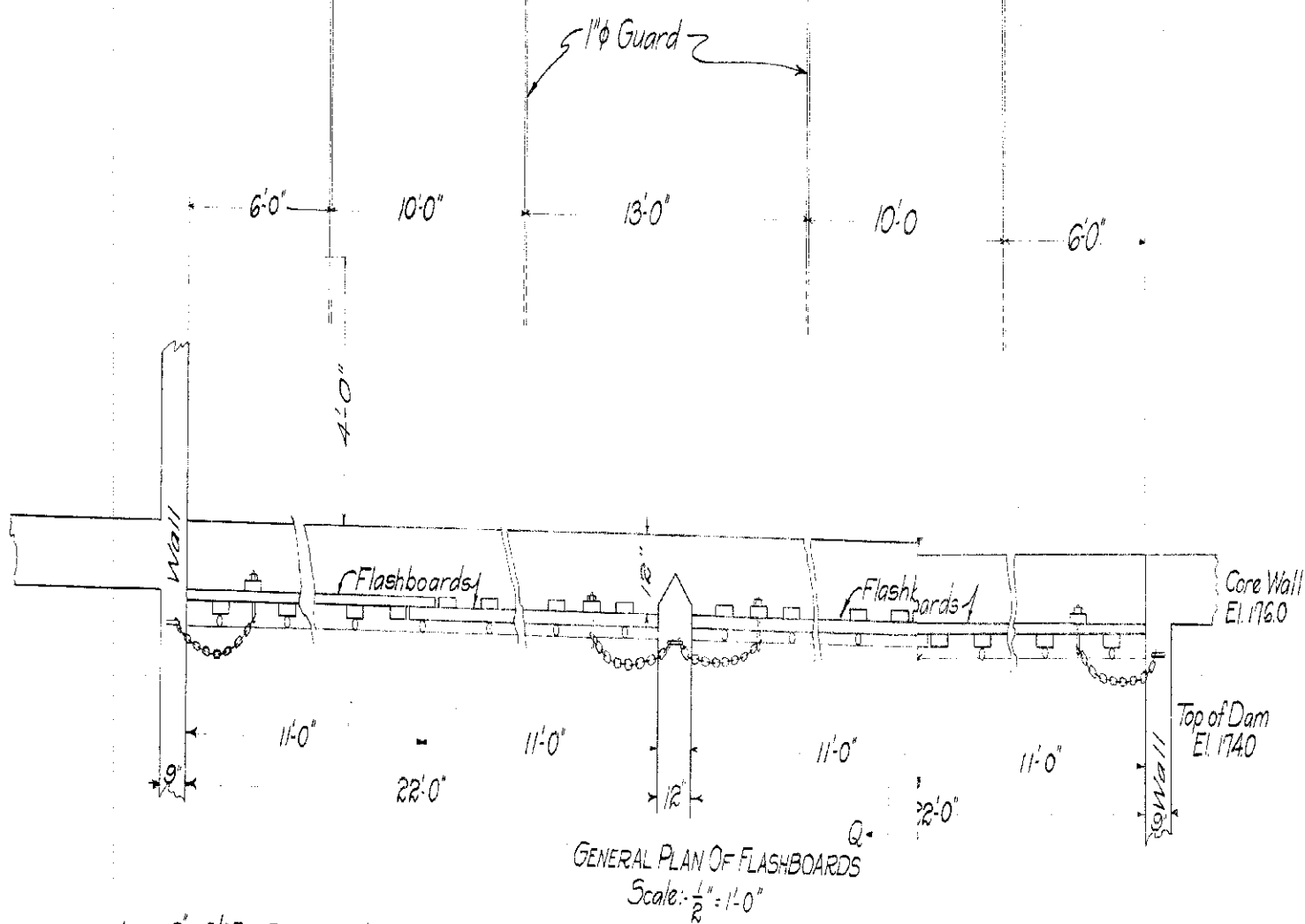






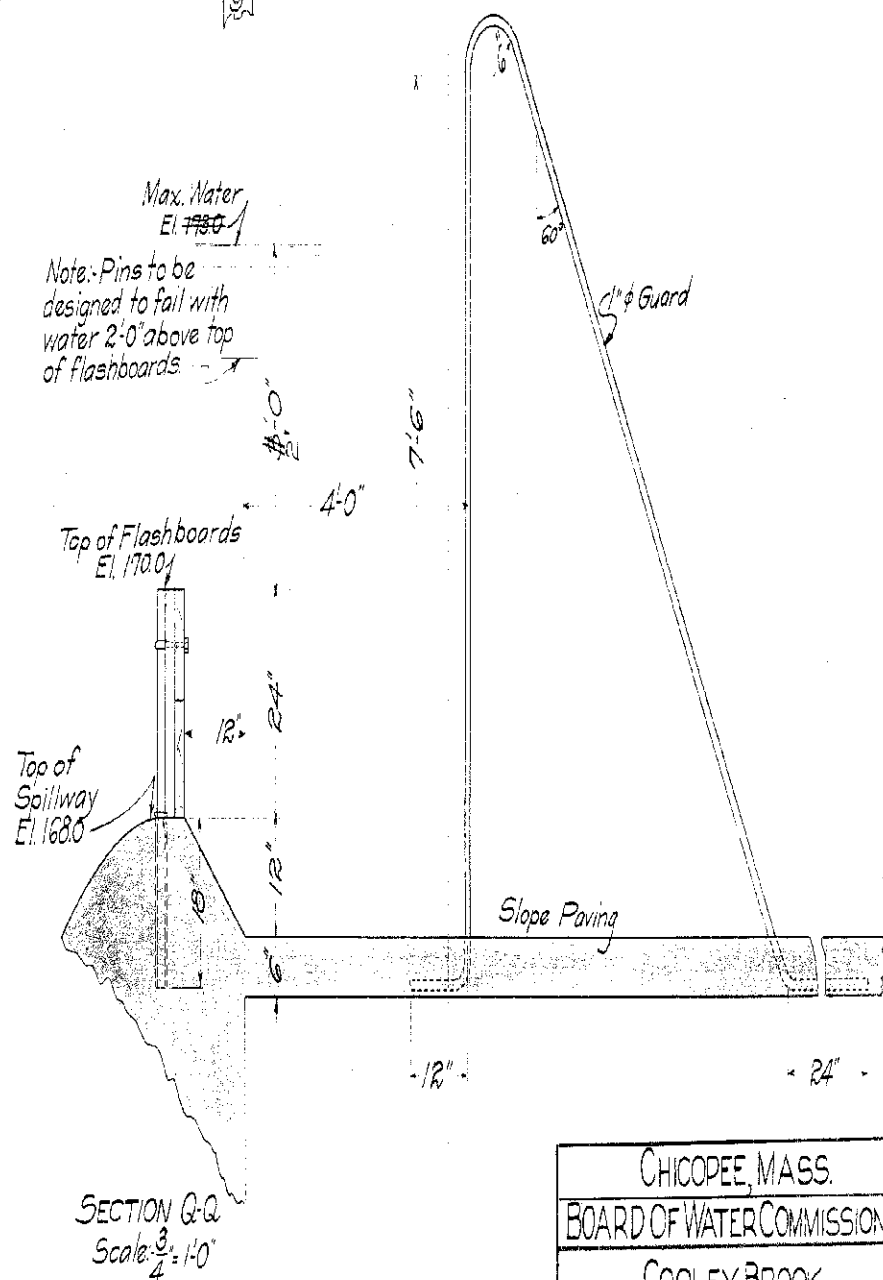
Note:- For General Plan and Profile of Spillway and Wasteway see Dwg. C-7336.
For additional details of Wasteway see Dwgs. C-7337 and C-7339.

| | | |
|------------------------------|----------------------|---------------------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| DETAILS OF FLASHBOARDS | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE:-AS SHOWN | | DATE:-JULY 29, 1926 |
| DR. J.J.W. | REV. 8/23, 26 E.H.A. | REV. |
| TR. J.J.W.-M.A.K. | REV. | REV. |
| CH. E.H.A.-M.G.M. | REV. | REV. |
| SHEET 8 OF 11 | | C-7338 |

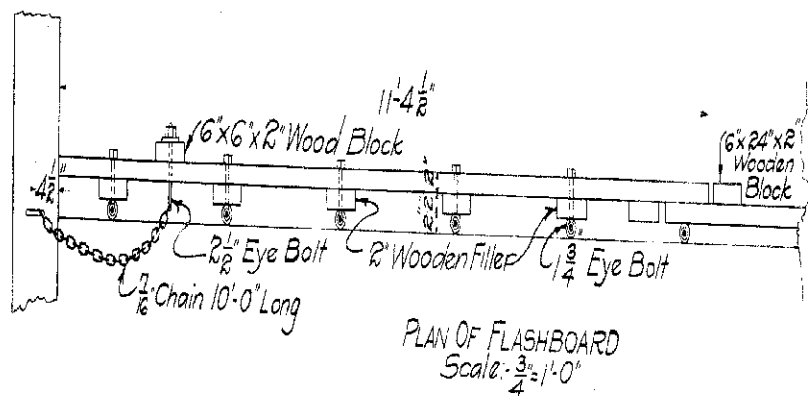


Max. Water
El. 1730

Note: Pins to be designed to fail with water 2'-0" above top of flashboards.



Note: For General Plan and Profile of Spillway and Wasteway see Dwg. C-7336
For additional details of Wasteway see Dwg. C-7337 and C-7339.



DETAILS OF PIN
Scale: $\frac{3}{4}'' = 1'-0''$

| | | |
|------------------------------|---------------------|------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| DETAILS OF FLASHBOARDS | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | CLEVELAND, OHIO | |
| SCALE: AS SHOWN | DATE: JULY 29, 1926 | |
| DR. J. J. W. | REV. 8/23/26 E.H.A. | REV. |
| TR. J. W. M. A. K. | REV. | REV. |
| CHE. M. A. M. G. M. | REV. | REV. |
| SHEET 8 OF 11 | C-7338 | |

Plan Original Book and Page: ch16065

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Detail of Slope Paving & Spillway
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

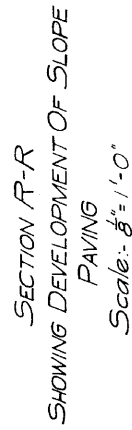
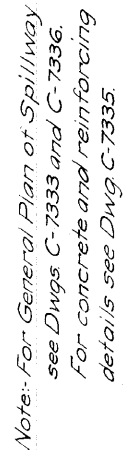
Plan Original Book and Page: ch16066

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Detail of Slope Paving & Spillway
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
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| City/Town | Chicopee |





Plan Original Book and Page: ch16067

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Detail of Gate House-
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

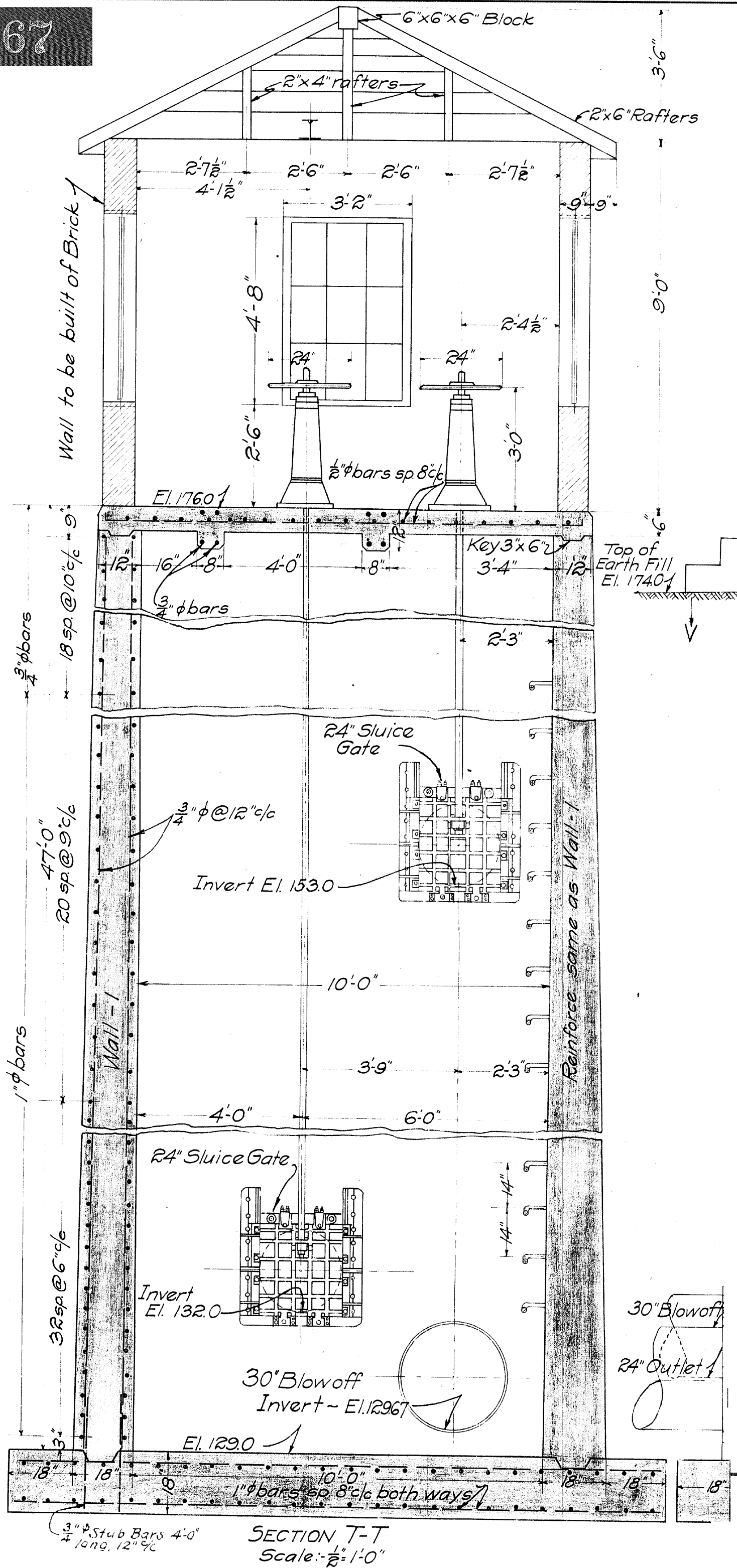
Plan Original Book and Page: ch16068

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir -
Detail of Gate House
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |





| | | |
|------------------------------|---------------------|---------------------|
| CHICOPEE, MASS. | | |
| BOARD OF WATER COMMISSIONERS | | |
| COOLEY BROOK | | |
| IMPOUNDING DAM AND RESERVOIR | | |
| DETAILS OF GATE HOUSE | | |
| MORRIS KNOWLES | | |
| INCORPORATED | | |
| ENGINEERS | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO |
| SCALE: AS SHOWN | | DATE: JULY 29, 1926 |
| DR. D.W.P. | REV. 8/23/26 E.H.A. | REV. |
| TR. M.B.M. JR. - M.A.K. | REV. | REV. |
| CH. E.H.A. - M.G.M. | REV. | REV. |
| SHEET 10 OF 11 | | C-7340 |

Plan Original Book and Page: ch16069

Name of specific Plan:

**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Misc
Details-
Supplementary Plan**



| Category | Index |
|------------------|-------------------------------|
| Abutters | Chicopee, City of |
| City/Town | Chicopee |
| Dam | Cooley Brook Dam |
| Water | Cooley Brook Reservoir |

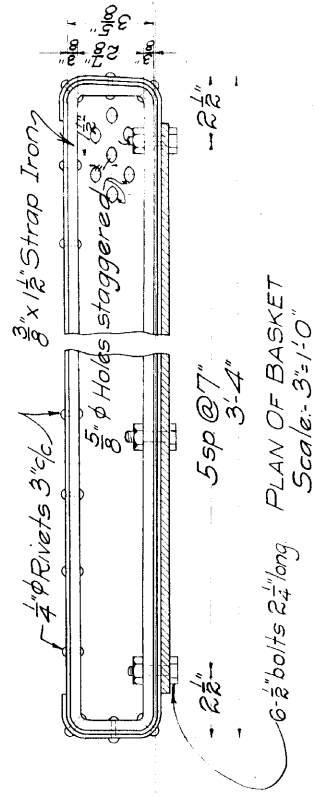
Plan Original Book and Page: ch16070

Name of specific Plan:

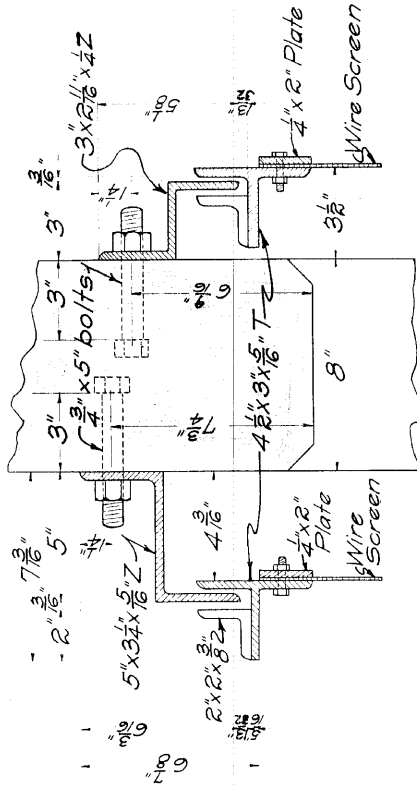
**City of Chicopee, Mass - Board of Water Commissioners -
Cooley Brook - Plans for Impounding Dam and Reservoir - Misc
Details-
Supplementary Plan**

| <u>Category</u> | <u>Index</u> |
|-----------------|--------------|
| City/Town | Chicopee |

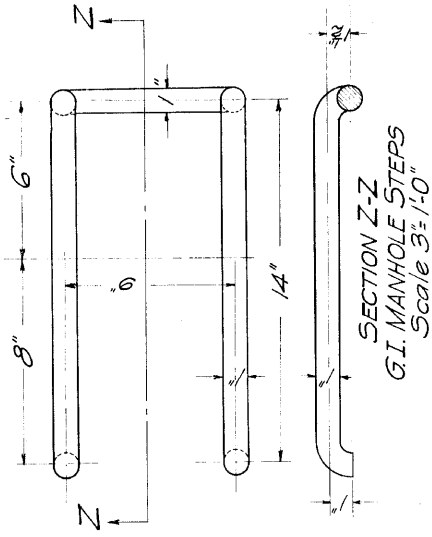




SECTIONAL PLAN X-X
Scale:- 3"=1'-0"



SECTIONAL PLAN X-X
Scale:- 3"=1'-0"



SECTION Z-Z
G.I. MANHOLE STEPS
Scale 3"=1'-0"

Note:- For location of Fish Screens
see Dwg. C-7340.

| | | | |
|------------------------------|-------------|---------------------|---------|
| CHICOPEE, MASS. | | | |
| BOARD OF WATER COMMISSIONERS | | | |
| COOLEY BROOK | | | |
| IMPOUNDING DAM AND RESERVOIR | | | |
| MISCELLANEOUS DETAILS | | | |
| MORRIS KNOWLES | | | |
| INCORPORATED | | | |
| ENGINEERS | | | |
| PITTSBURGH, PA. | | CLEVELAND, OHIO | |
| SCALE - AS SHOWN | | DATE: JULY 29, 1926 | |
| DRAWN A. | REV. 123/26 | E H A | REV. |
| TRUSS - MAK | REV. | | REV. |
| CH. CER - M/GM | REV. | | REV. |
| SHEET 11 OF 11 | | | C-734-I |